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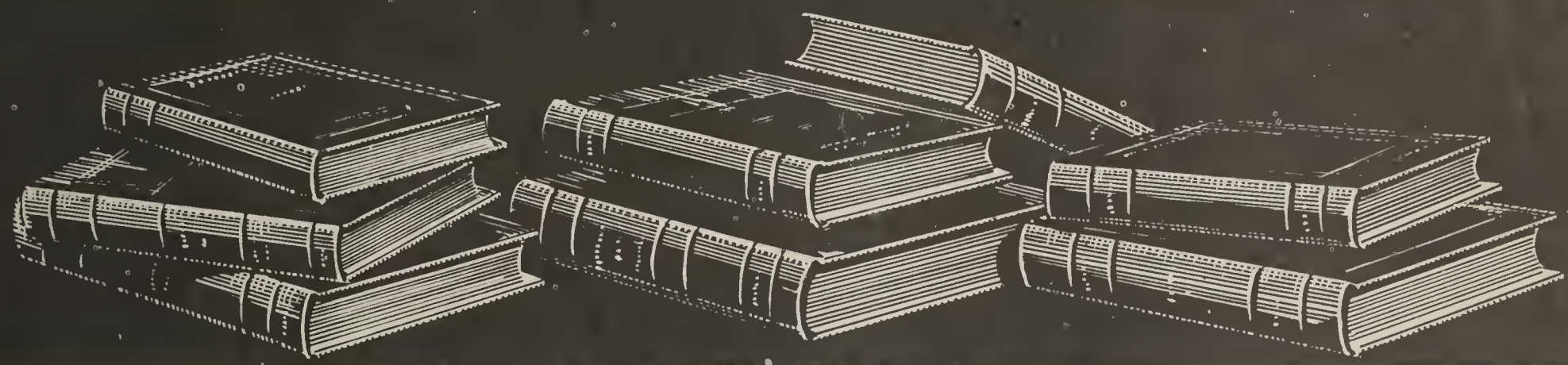
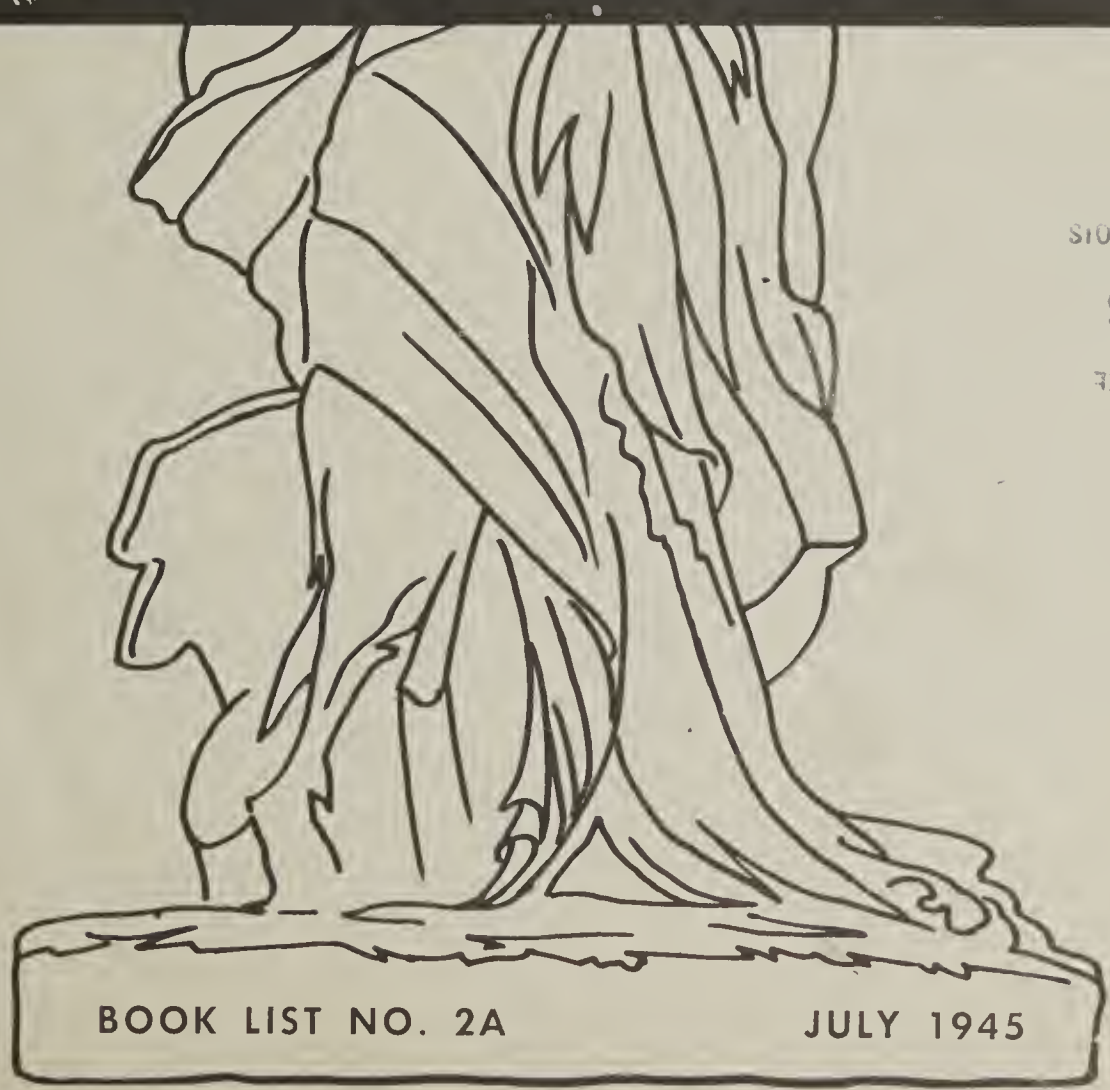
TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES FIELD TECHNICAL LIBRARIES





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TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES FIELD TECHNICAL LIBRARIES

1. The following list of technical publications is issued in accordance with AAF Regulation 50-9 (11 December 1944) and is intended to serve as a guide for book selection by AAF Field Technical Libraries. It includes:

a. Changes in bibliographic information (corrections or new editions) concerning titles which appeared in Book List 2.

b. New aeronautical publications which have appeared or have been favorably considered for inclusion in the list since the publication of Book List 2. As in the earlier lists, those titles which have been or are currently being automatically distributed to most Technical Libraries are marked with asterisks. For the convenience of the field libraries desiring to use them, Dewey Decimal Classification numbers have been added at the end of each entry.

c. A title list which records alphabetically by brief title all the books in the author list, with an item number reference to the full citation.

d. A subject index to the author list.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the Officer in Charge of the Technical Library at each installation. It is suggested that the list be called to the attention of officers interested in the various types of material for their recommendations. It should be understood that this material is purchased from a special allotment available for technical books and periodicals, and does not involve the expenditure of local funds. Requisitions should be submitted to the Commanding Officer, 836th AAF Specialized Depot, State Fairgrounds, Indianapolis 5, Indiana, Attention: Assistant Depot Supply Officer (Class 30-D), in accordance with paragraph 4a of AAF Regulation 50-9 (11 December 1944). As stated in that regulation, supplements to this revised list will be issued periodically.

3. The basic lists of periodicals approved for AAF Field Technical Libraries are furnished automatically, in accordance with the following lists:

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"A" LIST

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aeroplane Spotter
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation Engineer Notes
Aviation Equipment
Aviation News
Aviation Review
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Fighting Forces
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Mechanical Engineering
Metal Finishing
Metals and Alloys
Military Affairs
Military Engineer
Minicam Photography
National Aeronautics
Official Guide of the Airways
Official Guide of the Railways and Steam Navigation Lines of the U. S.
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

"B" LIST

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Air Force
Air News
Air Trails
American Aviation
American Aviation Directory
American Rifleman
Army and Navy Journal
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation Equipment
Aviation News
Aviation Review
Booklist
Canadian Aviation
Civil Aeronautics Journal
Electronics
Flying
Infantry Journal
Journal of Aeronautical Sciences
Journal of Aviation Medicine
National Aeronautics
Official Guide of the Airways
Official Guide of the Railways and Steam Navigation Lines of the U.S.
Popular Mechanics
Popular Photography
Radio
Radio News
Scientific American
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide

"C" LIST

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Air Force
Air News
American Aviation
American Aviation Directory
Army and Navy Journal
Army Ordnance
Aviation
Aviation Equipment
Aviation News
Aviation Review
Booklist
Civil Aeronautics Journal
Flying
Journal of Aeronautical Sciences
Official Guide of the Airways
Official Guide of the Railways and Steam Navigation Lines of the U.S.
Popular Mechanics
Popular Photography
Radio
Radio News
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide

"D" LIST

PERIODICALS FOR TECHNICAL LIBRARIES AT ARMY AIR FORCES INSTALLATIONS OUTSIDE LIMITS OF UNITED STATES

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation Engineer Notes
Aviation Equipment
Aviation News
Booklist
Camera
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Mechanical Engineering
Metal Finishing
Metals and Alloys
Military Engineer
Minicam Photography
National Aeronautics
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

"E" LIST

FOR CONVALESCENT HOSPITAL BRANCH TECHNICAL LIBRARIES

AVA Journal and News Bulletin
Adult Education Journal
American Photography
Education Digest
Education for Victory
Educational and Psychological Measurement
Educational Film Catalog
Educational Screen
Hygeia
Industrial Arts and Vocational Education
Journal of Education Psychology
Journal of Health and Physical Education
Manpower Review
Monthly Labor Review
Natural History
Occupations
School and Society
Science Digest
Vocational Trends

These lists formerly appeared in T.0.00-25-14.

4. Renewals for preceding listed magazines are automatic and are procured for distribution at the beginning of each calendar year. No interim procurement for subscriptions will be made except at the beginning of each fiscal year.

5. Library supplies have been recently added to the Stock List for Class 25-B and are included in Stock List Addendum, Class 25-B, Office Supplies (S-25-B-1), dated 16 January 1945. This material is subject to requisition from all AAF installations, both continental and overseas, and requisitions should be addressed to the Commanding General, Fairfield Air Technical Service Command, Patterson Field, Fairfield, Ohio, Attention: Class 25-B. Stock numbers and nomenclature for the available materials are listed below:

8700-066100 BOOK, ACCESSION
8700-160162 CARDS, BOOK (WHITE LIGHTWEIGHT)
8700-160163 CARDS, ALPHABETIC GUIDES (PLAIN BUFF)
8700-160165 CARDS, CATALOG, GUIDES BLANK (BUFF THIRD CUT)
8700-160167 CARDS, CATALOG (PLAIN MEDIUM WEIGHT)
8700-160500 CARDS, DATE (WHITE MEDIUM WEIGHT)
8700-276300 DATER PENCIL (LONG REACH PENCIL ATTACHMENT)
8700-276350 DATE, RUBBER SET
8700-388825 LABEL, GUMMED (OBLONG PAPER)
8700-574030 POCKETS, BOOK (MEDIUM WEIGHT)
8700-860200 TISSUE, MENDING (TRANSPARENT TISSUE STRIPS)

NOTE: Attention is invited to the fact that in accordance with AAF Regulation 50-9, paragraph 7a(3), the Army Air Forces Library is responsible for "Recommendations governing the activation of new field technical libraries . . . and determinations governing the transfer of library materials in instances where AAF activities are discontinued." In the latter case, it is requested that the Officer-in-Charge of the Field Technical Library involved inform this office as soon as any change is contemplated. This information should be addressed as follows: Commanding General, Army Air Forces, Washington 25, D. C., Attention: Air Adjutant General, Library Branch. It should be pointed out that an AAF Technical Library should be so set up that the material will be available to all personnel of the field or base, and not belong to any one unit. For this reason a Field Technical Library is not ordinarily inactivated when separate units are transferred. However, if the field or base is to be completely abandoned, with no Air Forces activity remaining there, this office should be informed as instructed above. In no case should an entire Technical Library collection be transferred from a station without first consulting the headquarters office, referred to above.

CHANGES IN BOOK LIST II

(new editions, price changes, corrections, etc.)

11* *Aircraft Yearbook.* N.Y., Aeronautical Chamber of Commerce of America, 1945. $6.00. Vol. 27. 629.130

53* American Radio Relay League. *Radio Amateur's Handbook.* West Hartford, Conn., American Radio Relay League, 1945. $1.00. 22d ed. 621.38

86* Dropped from Book List.

180 *Brassey's Naval Annual, 1944.* N.Y., Macmillan, 1945. $5.00. Vol. 55. 359.05

307* Crispin, Frederic S. *Dictionary of Technical Terms.* Milwaukee, Bruce, 1945. $2.50. 6th ed. 603.

588 Henney, Keith. *Principles of Radio.* N.Y., Wiley, 1945. $3.50. 5th ed. 621.38

783 Dropped from Book List.

1035 *Plastics Catalog, the 1945 Encyclopedia of Plastics.* N.Y., Plastics Catalogue Corporation, 1945. $6.00. 668.

1178 Simonds, Herbert R. *Industrial Plastics.* N.Y., Pitman, 1945. $5.00. 3d ed. 668.

1313* U.S. Bureau of Aeronautics (Navy Dept.). *Air Navigation.* N.Y., McGraw-Hill, 1943-45. $10.25. Pts. 1-7. (Flight Preparation Training Series) 629.132

1329 U.S. Government Printing Office. *Style Manual.* Washington, Government Printing Office, 1945. $1.50. rev. ed. 655.25

1418* Wilkinson, Paul H. *Aircraft Engines of the World, 1945.* N.Y., Paul H. Wilkinson, 1945. $8.50. rev. ed. 629.134

NEW TITLES

- A -

1473 Abbett, Robert W. *Engineering Contracts and Specifications.* N.Y., Wiley, 1945. $2.25. 620.03

1474 Adams, Arthur S., and Hilding, G. D. *Fundamentals of Thermodynamics.* N.Y., Harper, 1945. $3.75. 536.7

1475 Air Age Inc., N.Y. *Air Age Flying Scale Models.* N.Y., Air Age Inc., 1944. $1.50. 629.133

1476 Air News. *Superfighter — the Mustang.* N.Y., Duell, Sloan & Pearce, 1945. $1.00. 623.74

1477 Alford, Leon P., and Bangs, J. R. *Production Handbook.* N.Y., Ronald, 1944. $7.50. 658.

1478 Allen, Edwin B., and others. *Vital Mathematics.* N.Y., Macmillan, 1944. $1.80. 510.

1479 American Council on Education. *A Guide to the Evaluation of Educational Experiences in the Armed Services.* Washington, American Council on Education, 1944-1945. $5.00. 355.07

1480 American Society of Photogrammetry. *Manual of Photogrammetry.* (Preliminary ed.) Edited by P. G. McCurdy and others. N.Y., Pitman, 1945. $8.50. 526.91

1481 American Technical Society, Chicago. *Airway Weather Service.* Chicago, American Technical Society, 1944. $.50. (Flight, No. 32) (A revised section of item No. 1444). 551.5

1482 American Technical Society, Chicago. *The Weather Map.* Chicago, American Technical Society, 1944. $.60. (Flight, No. 31) (A revised section of item No. 1444). 551.5

1483 Amiss, John M., and Sutton, T. C. *The Industrial Supervisor.* N.Y., Ronald, 1944. $3.00. 658.31

1484 Andrews, John P. *Your Personal Plane.* N.Y., Duell, Sloan & Pearce, 1945. $2.50. 629.130

1485 Arnhym, Albert A. *Comfortization of Aircraft.* N.Y., Pitman, 1944. $7.50. 629.138

1486 Aviation Education Research Committee. *Demonstrations and Laboratory Experiences in the Science of Aeronautics.* N.Y., McGraw-Hill, 1945. $2.00. 629.130

1487 *Aviation Equipment Red Book.* N.Y., The Haire Publishing Company, 1944. $5.00. 1944 ed. 629.134

1488 Aviation Research Associates, New York. *Questions and Answers for Airplane and Engine Mechanics.* N.Y., McGraw-Hill, 1944. $4.00. 629.134

1489 Aviation; the Oldest American Aeronautical Magazine. *Aviation's Sketchbook of Aircraft Design Detail.* N.Y., McGraw-Hill, 1945. $.50. 3d ed. 629.134

1490 Ayling, Keith. *Old Leatherface of the Flying Tigers; the Story of General Chennault.* Indianapolis, Bobbs-Merrill, 1945. $2.50. 923.57

- B -

1491 Baier, Louis A., and Maxwell, A. D. *Navigators' Handbook.* Ann Arbor, Mich., Baier and Maxwell, 1944. $1.00. 527.

1492 Baitsell, George A., ed. *Science in Progress.* New Haven, Yale University Press, 1945. $3.00. 4th series. 508.

1493 Balleisen, Charles E. *Principles of Firearms.* N.Y., Wiley, 1945. $2.50. 623.44

1494 Bennett, Harry. *Chemical Formulary.* N.Y., Chemical Publishing Co., 1945. $6.00. Vol. 7. 660.83

1495 Berghell, A. B. *Production Engineering in the Aircraft Industry.* N.Y., McGraw-Hill, 1944. $3.00. 629.134

1496 Bethel, Lawrence L., and others. *Industrial Organization and Management.* N.Y., McGraw-Hill, 1945. $4.50. 658.01

1497 Blair, Julian M. *Practical and Theoretical Photography.* N.Y., Pitman, 1945. $2.50. 2d ed. 770.

1498 Brands, George J. *Meteorology; a Practical Course in Weather.* N.Y., McGraw-Hill, 1944. $2.50. 551.5

1499 Brandt, IAkov J. *Introduction to Spoken Chinese.* New Haven, Yale Cooperative Corp., 1943. $4.00. American ed. 495.18

1500 Breed, Charles B., and Hosmer, G. L. *The Principles and Practice of Surveying.* N.Y., Wiley, 1945. $7.50. 2 Vols. Vol. 1, 8th ed.; Vol. 2, 5th ed. 526.9

1501 Brimm, Daniel J. *Airplane Assembly Maintenance.* Scranton, Pa., International Textbook, 1940. $1.20. 629.134

1502 Brimm, Daniel J., and Wintersteen, H. G. *Airplane Instruments.* Scranton, Pa., International Textbook, 1943. $1.20. 629.135

1503 Brooking, Walter J. *Arc Welding, Engineering and Production Control.* N.Y., McGraw-Hill, 1944. $4.00. 671.

1504* Bruchiss, Louis. *Aircraft Armament.* N.Y., Aerosphere, Inc., 1945. $6.00. 623.4

1505 Bryan, Joseph, and Reed, Philip. *Mission Beyond Darkness.* N.Y., Duell, Sloan & Pearce, 1945. $2.00. 940.54

1506 Butler, John C. *Sheet Metal, Theory and Practice.* N.Y., Wiley, 1944. $3.00. 621.79

- C -

1507 Cady, Edwin L. *Industrial Purchasing.* N.Y., Wiley, 1945. $2.75. 658.7

1508 Cantor, Nathaniel F. *Employee Counseling; a New Viewpoint in Industrial Psychology.* N.Y., McGraw-Hill, 1945. $2.00. 658.3

1509 Carver, Harry C. *An Introduction to Air Navigation.* Ann Arbor, Mich., Edwards Brothers, 1943. $3.50. 629.132

1510 Chambers, Sherman D., and Faires, V. M. *Analytic Mechanics; a Revision of Mechanics of Engineering.* N.Y., Macmillan, 1943. $3.75. 620.1

1511 Chapman, Alvan L., Fletcher, Raymond, and Maxey, C. C. *Wings and the Weather.* N.Y., Pitman, 1945. $1.50. 551.5

1512 Ch'ên, Hsi-ên, and Ch'ên, W. C. *Elementary Chinese Reader and Grammar.* South Pasadena, Calif., Perkins, 1945. $2.25. 495.18

1513 Ch'ên, Shou-jung. *Chinese Reader for Beginners.* Stanford University, Calif., Stanford University Press, 1942. $4.00. 2d ed. 495.18

1514 Christ, Jay F. *Fundamental Business Law.* Chicago, American Technical Society, 1945. $3.00. 347.7

1515 Clarke, Henry H. *The Application of Measurement to Health and Physical Education.* N.Y., Prentice-Hall, 1945. $5.00. 371.73

1516* Collison, Thomas. *The Superfortress is Born; the Story of the Boeing B-29.* N.Y., Duell, Sloan & Pearce, 1945. $3.00. 629.133

1517 Conrad, Victor. *Methods in Climatology.* Cambridge, Mass., Harvard University Press, 1944. $4.00. 551.5

1518 Cornetet, Wendell H., and Fox, D. W. *Applied Fundamentals of Machines.* Bloomington, Ill., McKnight & McKnight, 1944. $2.50. 621.

- D -

1519 Davis, David J., and Goen, C. H. *Aircraft Mechanical Drawing.* N.Y., McGraw-Hill, 1944. $2.50. 744.43

1520 Dees, Bowen C. *Fundamentals of Physics and their Applications in Modern Life.* Philadelphia, Blakiston, 1945. $.69. 530.

1521* Dickinson, Thomas A. *The Aeronautical Dictionary.* N.Y., Crowell, 1945. $3.50. 629.130

- E -

1522 Edlund, Sidney W., and Edlund, M. G. *Pick Your Job—And Land It!* N.Y., Prentice-Hall, 1941. $3.00. 331.11

- F -

1523 Faltus, Rudolph, and Steinmetz, Charles. *Manual of Aircraft Layout.* N.Y., Wiley, 1944. $3.00. 629.134

1524* Farmer, William C., ed. *The Ordnance Field Guide.* Harrisburg, Pa., Military Service, 1945. $6.25. 3 Vols. 623.40

1525 Faunce, Frances A. *The Practical Manual for Office Workers.* N.Y., McGraw-Hill, 1945. $2.00. 651.

1526 Feller, Eugene W. F. *Air Compressors; their Installation, Operation and Maintenance.* N.Y., McGraw-Hill, 1944. $4.50. 621.51

1527 Felsen, Henry G. *Pilots All.* N.Y., Harper, 1944. $2.50. 358.4

1528 Fishbein, Morris, ed. *Doctors at War.* N.Y., Dutton, 1945. $5.00. 940.54

1529 Fixel, Rowland W. *The Law of Aviation.* Charlottesville, Va., Michie Company, 1945. $7.50. 2d ed. 629.13

1530 Flagg, Paluel J. *The Art of Resuscitation.* N.Y., Reinhold, 1944. $5.00. 616.20

1531 Fleck, Harry R. *Plastics, Scientific and Technological.* N.Y., Chemical Publishing Co., 1945. $6.50. 668.4

1532 Flood, Walter E. *Elementary Mathematics for Radio Students.* N.Y., Longmans, Green, 1944. $.36. 510.

1533 Freberg, Carl R., and Kemler, E. N. *Aircraft Vibration and Flutter.* N.Y., Wiley, 1944. $3.00. 629.132

1534 Frederick, John H. *Commercial Air Transportation.* Chicago, Irwin, 1943. $4.50. 387.70

1535* Friedheim, Eric, and Taylor, S. W. *Fighters Up; the Story of American Fighter Pilots in the Battle of Europe.* Philadelphia, Macrae-Smith, 1945. $2.50. 940.54

- G -

1536 Genovese, J. Gen. *We Flew Without Guns.* Philadelphia, Winston, 1945. $2.50. 940.54

1537 Giachino, Joseph W., and Feirer, J. L. *Basic Bench-Metal Practice and Precision Measuring.* Peoria, Ill., Manual Arts Press, 1943. $2.75. 621.9

1538 Gilbert, Glen A. *Air Traffic Control.* Chicago, Ziff-Davis, 1945. $5.00. 629.132

1539 Gillmer, Thomas C., and Nietsch, H. E. *Clouds, Weather and Flight.* N.Y., Van Nostrand, 1944. $3.75. 551.5

1540 Graumont, Raoul, and Hensel, John. *Splicing Wire and Fiber Rope.* N.Y., Cornell Maritime Press, 1945. $2.00. 677.7

1541 Green, Daniel. *Drawing for Life and Industry.* Milwaukee, Bruce, 1945. $1.56. 744.

1542 Greif, Raymond N. *Military and Commercial Aircraft Hydraulics.* N.Y., Pitman, 1944. $2.00. 629.135

1543 Grinter, Linton E., and others *Engineering Preview.* N.Y., Macmillan, 1945. $6.00. 620.

1544 Gross, Michael, *Money-Making Salesmanship.* N.Y., McGraw-Hill, 1945. $2.00. 658.8

- H -

1545 Halsey, George D. *Making and Using Industrial Service Ratings.* N.Y., Harper, 1944. $2.50. 658.32

1546 Hannaford, Earle S. *Conference Leadership in Business and Industry.* N.Y., McGraw-Hill, 1945. $3.00. 374.24

1547 Hesse, Herman C., and Rushton, J. H. *Process Equipment Design.* N.Y., Van Nostrand, 1945. $7.50. 621.

1548 Hill, Frederick T. *The Materials of Aircraft Construction.* N.Y., Pitman, 1944. $5.50. 6th ed. 629.134

1549 Hittle, James D. *The Military Staff; its History and Development.* Harrisburg, Pa., Military Service, 1944. $2.00. 355.33

1550 Hoare, Alfred. *A Short Italian Dictionary.* N.Y., Macmillan, 1945. $3.50. 453.2

1551 Holmboe, Jorgen, Forsythe, G. E., and Gustin, W. *Dynamic Meteorology.* N.Y., Wiley, 1945. $4.50. 551.5

1552 Hudson, Ralph G. *An Introduction to Electronics.* N.Y., Macmillan, 1945. $3.00. 621.38

1553 Huff, Darrell, and Huff, F. M. N. *Twenty Careers of Tomorrow.* N.Y., Whittlesey House, 1945. $2.50. 371.42

- I -

1554 Icks, Robert J. *Tanks and Armored Vehicles.* N.Y., Duell, Sloan & Pearce, 1945. $4.75. 623.43

1555 International Business Machines Corporation. Educational Department. *Precision Measurement in the Metal Working Industry.* Syracuse, N.Y., Syracuse University Press, 1942-44. $5.50. 2 Vols. 621.9

1556 International Correspondence Schools, Scranton, Pa. *Electrical Units, Electrostatics, Magnetism.* Scranton, Pa., International Textbook, 1943. $1.35. 621.3

1557 International Textbook Company, Scranton, Pa. *Aircraft Riveting.* Scranton, Pa., International Textbook, 1943. $.10. 2 Vols. 629.134

1558 International Textbook Company, Scranton, Pa. *Aircraft Tooling.* Scranton, Pa., International Textbook, 1943. $.15. 3 Vols. 629.134

1559 International Textbook Company, Scranton, Pa. *Aircraft Welding.* Scranton, Pa., International Textbook, 1943. $.05. 629.134

1560 International Textbook Company, Scranton, Pa. *Basic Problems.* Scranton, Pa., International Textbook, 1943. $.05. 629.134

1561 International Textbook Company, Scranton, Pa. *Blanking and Punching.* Scranton, Pa., International Textbook, 1943. $.15. 3 Vols. 629.134

1562 International Textbook Company, Scranton, Pa. *Forming Methods.* Scranton, Pa., International Textbook, 1943. $.35. 7 Vols. 629.134

1563 International Textbook Company, Scranton, Pa. *Heat Treating.* Scranton, Pa., International Textbook, 1943. $.05. 671.

1564 International Textbook Company, Scranton, Pa. *Lofting and Layout.* Scranton, Pa., International Textbook, 1943. $.10. 2 Vols. 629.134

1565 International Textbook Company, Scranton, Pa. *Mathematical Technique of Lofting.* Scranton, Pa., International Textbook, 1943. $.10. 2 Vols. 629.134

1566 International Textbook Company, Scranton, Pa. *Templets and Layout.* Scranton, Pa., International Textbook, 1943. $.20. 4 Vols. 629.134

- J -

1567 James, Henry D, and Markle, L. E. *Controllers for Electric Motors.* N.Y., McGraw-Hill, 1945. $3.50. 621.31

1568 Jensen, Oliver O. *Carrier War.* N.Y., Simon & Schuster, 1945. $2.50. 940.54

1569 Johnson, Melvin M. *Practical Marksmanship, the Technique of Field Firing.* N.Y., Morrow, 1945. $2.50. 799.31

1570 Jordan, Franklin I. *Photographic Enlarging.* Boston, American Photographic Publishing Co., 1945. $3.50. 3d ed. 778.13

1571 Jordan, Richard C., and Edwards, M. J. *Aids to Technical Writing.* Minneapolis, University of Minnesota, 1944. $.50. (Engineering Experiment Station, Bulletin No. 21). 029.6

- K -

1572 Kaempffert, Waldemar B. *Science Today and Tomorrow.* N.Y., Viking, 1945. $2.75. 2d series. 500.

1573 Kaplan, Abraham D. H. *The Liquidation of War Production.* N.Y., McGraw-Hill, 1944. $1.50. 338.91

1574 Karash, Joseph I. *Analysis of Drill-Jig Design.* N.Y., McGraw-Hill, 1944. $3.00. 621.9

1575 Katz, Mitchell D., and others. *Our Fighting Ships.* N.Y., Harper, 1945. $2.50. rev. ed. 623.82

1576 Kennedy, George A. *A Beginner's English-Chinese Vocabulary.* New Haven, Yale University, 1944. $1.00 (Department of Oriental Studies, Mirror Series A, No. 10). 495.18

1577 Kidder, Frank E., and Parker, Harry. *Architects' and Builders' Handbook; Data for Architects, Structural Engineers, Contractors, and Draughtsmen.* N.Y., Wiley, 1931. $8.00. 18th ed. enl. 690.2

1578 King, Lewis E. *Lathe Operations.* N.Y., Macmillan, 1944. $1.75. (Machine Shop Operation, No. 1) 621.9

1579 King, Lewis E. *Milling Machine Operations.* N.Y., Macmillan, 1944. $1.75. (Machine Shop Operation, No.2) 621.9

1580 King, Ronold, W. P. *Electromagnetic Engineering; Vol. 1, Fundamentals.* N.Y., McGraw-Hill, 1945. $6.00. 621.3

1581 Kiver, Milton S. *U H F Radio Simplified.* N.Y., Van Nostrand, 1945. $3.25. 621.38

1582 Kraitchit, Maurice. *Alignment Charts; Construction and Use.* N.Y., Van Nostrand, 1944. $2.50. 510.84

1583 Kurtz, Margo (Rogers). *My Rival, the Sky.* N.Y., Putnam's, 1945. $2.50. 940.54

- L -

1584 Landé, Alfred. *The Physics of Flight.* N.Y., Reinhold, 1945. $2.50. 629.132

1585 Lederer, Eugene H. *Port Terminal Operation.* N.Y., Cornell Maritime Press, 1945. $5.00. 656.

1586 Levy, Hyman, and Preidel, E. E. *Elementary Statistics.* N.Y., Ronald, 1945. $2.25. 311.2

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1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new aeronautical publications which have been favorably considered for inclusion since the publication of Book Lists 2 and 2A. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: Publications Distribution Branch, FASPD6.

3. Requisitions for books which do not appear on approved book lists will be considered for purchase if submitted, with justifications for the need of the publications, to Library Section, Special Services Branch, AC/AS-1, Headquarters AAF.

4. The following basic lists of periodicals, approved for AAF Technical Libraries, are furnished automatically:

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Aviation Review
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Command and General Staff School Military Review
Communications
Electrical Engineering

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Electrical World
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Affairs
Military Engineer
Minicam Photography
National Aeronautics
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Camera
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Engineer
Minicam Photography
National Aeronautics
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

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FOR AAF CONVALESCENT HOSPITAL TECHNICAL LIBRARIES

AVA Journal and News Bulletin
Adult Education Journal
Education Digest
Educational and Psychological Measurement
Hygeia
Industrial Arts and Vocational Education
Natural History
Occupations
Science Digest
Vocational Trends

These lists formerly appeared in T.O. 00-25-14

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. In all cases the Technical Library will be organized so that the material will be available to all personnel of the field and will not belong to any one unit.

7. Transfers of complete AAF Technical Library collections will be made only upon directions from the Library Section of Headquarters AAF. When technical books are transferred from one AAF activity to another, they will be shipped in accordance with AR 35-6800. In no case should a technical library collection as a whole be transferred to another installation as long as any AAF activity is continued at that field.

BOOKS

-A-

1676 Adamson, Hans C.
Eddie Rickenbacker. N.Y., Macmillan Co., 1946. $2.75

1677 Aero Publishers
Civil Air Regulations for A-and-E Mechanics; Requirements for C.A.A. Certification. Los Angeles, Cal., Aero Publishers, 1944. $2.50.

1678 Aero Publishers
Civil Air Regulations for Pilot Certification; Requirements for C.A.A. Certification. Los Angeles, Cal., Aero Publishers, 1945. $1.50.

1679 Allen, J.S.
Astronomy, What Everyone Should Know. Indianapolis, Bobbs-Merrill, 1945. $2.50.

1680 Anderson, Edwin P.
Audels Questions and Answers for Electricians Examinations for All Grades. N.Y., Audel, 1945. $1.00.

1681 Atherton, Ralph
Principles of Radio for Operators. N.Y., Macmillan, 1945. $3.75.

1682 Aviation Equipment Red Book. N.Y., Haire Publishing Co., 1945. $3.00. 1945-1946 ed.

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-B-

1683 Benham, H.E
Aerial Navigation. N.Y., Wiley, 1945. $4.00.

1684 Berry, F.A., and others.
Handbook of Meteorology. N.Y., McGraw-Hill, 1945. $7.50.

1685 Bond, Fred
Kodachrome and Kodacolor from all Angles. San Francisco, Camera Craft, 1945. $6.50. 2d ed.

1686 Boynton, Paul
Six Ways to Get a Job. N.Y., Harper & Brothers, 1945. $1.50

1687 *Brinkley, Russ
Your Post-War Place in Aviation. N.Y., Aviation Press, Inc., 1946 $.50

1688 Brookes, Vincent J., and Alyea, Hubert N.
Poisons, Their Chemical Identification and Emergency Treatments. N.Y., D. Van Nostrand Co., 1946. $3.00.

-C-

1689 Carter, G.W.
The Simple Calculation of Electrical Transients. N.Y., Macmillan, 1945. $1.75.

1690 Cave, Hugh B.
Wings Across the World. N.Y., Dodd, Mead, 1945. $2.50.

1691 Chapel, Charles Edward
Aircraft Electricity for the Mechanic. N.Y., Coward-McCann, 1946. $5.00.

1692 Cleveland, Reginald M., and Graham, Frederick P.
The Aviation Annual of 1946. N.Y., Doubleday, 1946. $4.00.

1693 Colvin, Fred H.
Standard and Emergency Shop Methods. N.Y., McGraw-Hill, 1945. $3.50.

1694 Colvin, Fred H., And Stanley, F.A.
American Machinists' Handbook - 8th ed. N.Y., McGraw-Hill, 1945. $5.00.

1695 Cooke, David C.
The Aircraft Annual 1946. N.Y., Robert McBride 1946. $3.00.

1696 Cooke, David C.
Guide to Model Aircraft. N.Y., Robert McBride 1945. $3.00.

1697 Cooke, David C.
Model Plane Annual, 1945. N.Y., Robert McBride, 1945. $3.00. Vol. 4.

1698 Cooke, N.M., and Markus, John.
Electronics Dictionary: An Illustrated Glossary of Over 6,000 Terms. N.Y., McGraw-Hill, 1945. $5.00.

-D-

1699 Davis, Kenneth
Soldier of Democracy. N.Y., Doubleday, 1945. $3.50.

1700 DeMent, Jack H., and Pike, H.C.
Uranium and Atomic Power. N.Y., Chemical Publishing Co., 1945. $4.00.

1701 Dietz, David
Atomic Energy in the Coming Era. N.Y., Dodd, Mead, 1945. $2.00.

1702 DuBois, John H.
Plastics. Chicago, American Technical Society, 1945. $4.00. 3d ed.

1703 DuBois, John H., and Pribble, W.I.
Plastics Mold Engineering. Chicago, American Technical Society, 1946. $7.00.

1704 Dunlap, Orrin E., Jr.
Radar. What Radar is and How it Works. N.Y., Harper & Brothers, 1946. $2.00.

-E-

1705 Eckman, Donald P.
Principles of Industrial Process Control. N.Y., Wiley, 1945. $3.50.

1706 Ellis, Carleton, and Swaney, Miller W.
Soilless Growth of Plants; Use of Nutrient Solutions, Water, Sand, Cinder, etc. N.Y., Reinhold, 1938. $2.75.

-F-

1707 Fern, George H., and Robbins, Elden B.
Teaching with Films. Milwaukee, Bruce Publishing Co., 1946. $1.75.

1708 Fitch, Willis S.
Wings in the Night. Boston, Marshall Jones, 1938. $2.00.

1709 Fitzgerald, A.E.
Basic Electrical Engineering: Circuits, Machines, Electronics. N.Y., McGraw-Hill, 1945. $3.75.

1710 Francis, Devon
Aviation: What Everyone Should Know. Indianapolis, Bobbs-Merrill, 1945. $2.50.

1711 Fuller, J.F.C
Arament and History. N.Y , Scribner's & Sons, 1945. $2.50

-G-

1712 Gardiner, Glenn L.
How You Can Get a Job. N.Y., Harper & Brothers, 1945. $1.50. Postwar ed.

1713 Graumont, Raoul
Handbook of Knots N.Y., Cornell Maritime Press, 1945. $1.75.

1714 Griffin, Alexander R.
Out of Carnage. N.Y., Howell, Soskin, 1945. $3.00.

1715 Grinker, Roy R., and Spiegel, J.P.
Men Under Stress. Philadelphia, Blakiston, 1945. $5.00.

-H-

1716 Hagen, Louis E.
Arnhem Lift; Diary of a Glider Pilot. N.Y., Farrar & Rinehart, 1945. $1.00.

1717 Hager, Alice R.
Wings for the Dragon: The Air War in Asia. N.Y., Dodd, Mead, 1945. $3.00.

1718 Hawley, G.G., and Liefson, S.W.
Atomic Energy in War and Peace. N.Y., Reinhold, 1945. $2.50.

1719 Henry, J.F.
Your Future in Aviation. N.Y., Prentice-Hall, 1945. $3.00.

1720 Hooper, Alfred
The River Mathematics. N.Y., Holt, 1945. $3.75.

1721 Hoslett, S.D.
Aspects of Army Depot Administration; Papers on Administration at the Kansas City Quartermaster Depot, Army Service Forces. N.Y., American Historical Co., Inc., 1945. $2.00.

1722 Hough, Donald and Arnold, Elliott
Big Distance. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

1723 Hubbell, Richard W.
Television Programming and Production. N.Y., Rinehart & Co., 1945. $3.00.

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-J-

1724 Johnsen, Julia E.
Peacetime Conscription. N.Y., H. W. Wilson, 1945. $1.25.

1725 *Johnson, Melvin M., and Haven, C.T.
Automatic Weapons of the World. N.Y., Morrow, 1945. $7.50.

-K-

1726 Kerig, Walter, and others.
Battle Report: The Atlantic War. N.Y., Rinehart, 1946. $3.50.

1727 Keenan, Joseph H., and Kaye, Joseph
Thermodynamic Properties of Air. N.Y., Wiley, 1945. $2.25.

1728 King, Ronold W.P., and others.
Transmission Lines Antennas and Wave Guides. N.Y., McGraw-Hill, 1945. $3.50.

1729 Kiver, Milton S.
Television Simplified. N.Y., D. Van Nostrand Co., 1946. $4.75.

-L-

1730 Laird, Donald A.
The Technique of Personal Analysis. N.Y., McGraw-Hill, 1945. $3.00.

1731 Lampbell, Millard
The Long Way Home. N.Y., Julian Messner, 1946. $2.50.

1732 Lay, Beirne
I've Had It: the Survival of a Bomb Group Commander. N.Y., Harper & Brothers, 1945. $2.00.

1733 Leigh, Randolph
48 Million Tons to Eisenhower; the Role of the SOS in the Defeat of Germany. Washington, Infantry Journal, 1945. $2.00.

1734 Lincoln, E.S.
Primary and Storage Batteries. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

1735 Lyon, Leverett S., and Sorrell, Lewis C.
Prospects and Problems in Aviation: A Series of Papers Presented at the Chicago Forum on Aviation. Chicago, Chicago Association of Commerce, 1945. $2.00.

1736 McInnis, Edgar
The War: Fifth Year. N.Y., Oxford University Press, 1945. $2.50.

1737 Mackenzie, DeWitt
Men Without Guns. Philadelphia, Blakiston, 1945. $5.00.

1738 Maleev, V.L.
Internal Combustion Engines. N.Y., McGraw-Hill, 1945. $5.00.

1739 Markey, Morris
Well Done! An Aircraft Carrier in Battle Action. N.Y., Appleton-Century, 1945 $2.75.

1740 Markus, John and Zeluff, Vin
Electronics for Engineers. N.Y., McGraw-Hill, 1945. $6.00.

1741 Marshall, George C.
Selected Speeches and Statements of General of the Army George C. Marshall. Washington, Infantry Journal, 1945. $2.75.

1742 Marshall, S.L.A
Bastogne. Washington, Infantry Journal, 1946. $3.00.

1743 Mason, J. Philip, and Manning, Joseph F.
The Technology of Plastics and Resins. N.Y., D. Van Nostrand, 1945. $5.50.

1744 *Masters, Dexter, and Way, Katherine
One World Or None. N.Y., Whittlesey House, 1946. $1.00.

1745 Miller, Wayne
Radio Operators Code Manual. Chicago, Ziff-Davis Publishing Co., 1945. $2.00.

1746 Miller, Wayne
Radio Operators License Manual. Chicago, Ziff-Davis Publishing Co., 1945. $2.00. 3d ed.

1747 Mills, John
The Engineer in Society. N.Y., D. Van Nostrand Co., 1946. $2.50.

1748 Modley, Rudolph
Aviation Facts and Figures, 1945. N.Y., McGraw-Hill, 1945. $2.50.

-N-

1749 National Fire Protection Association
Airplane Crash Fire Fighting Manual. Boston, National Fire Protection Association, 1945. $1.00.

1750 Nickerson, Hoffman
Arms and Policy, 1939-1944. N.Y., Putnam's, 1945. $3.50.

-O-

1751 Ohart, Theodore C.
Elements of Ammunition. N.Y., Wiley, 1946. $6.00.

1752 O'Neill, John J.
You and the Universe. N.Y., Ives Washburn, 1946. $3.50.

1753 Ott, Lester
The Standard Guide to Private Planes. N.Y., George W. Stewart, 1945 $2.00.

-P-

1754 Page, Robert C.
Air Commando Doc. N.Y., Ackerman, 1945. $2.50

1755 Peckham, Betty C
Women in Aviation. N.Y., Nelson, 1945. $2.50.

1756 Pratt, Fletcher
Night Work: The Story of Task Force 39. N.Y., Henry Holt & Co., 1945. $2.75.

1757 Prosser, David G.
Journey Underground. N.Y., Dutton, 1945. $2.75.

-R-

1758 Radzinsky, Harry
Making Patent Drawings. N.Y., Macmillan Co., 1945. $3.00

1759 Robertson, John K.
Atomic Artillery and the Atomic Bomb. N.Y., D. Van Nostrand Co., 1945. $2.50.

1760 Rost, O. Fred
Going into Business for Yourself. N.Y., McGraw-Hill, 1945. $3.00.

1761 Rouse, Hunter
Elementary Mechanics of Fluids. N.Y., Wiley & Sons, 1945. $4.00.

-S-

1762 Schaaf, William L.
Algebra for Home Study. Philadelphia, Blakiston, 1945. $1.69.

1763 Scott, Robert L., Jr.
Runway to the Sun. N.Y., Scribner's & Sons, 1945. $2.50.

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1764 Sherrod, Robert
On to Westward N.Y., Duell, Sloan & Pearce, 1945. $3.00.

1765 Shugg, Roger W., and DeWeerd, H. A.
World War II - A Concise History. Washington, Infantry Journal, 1946. $3.00.

1766 Smith, Carl E.
Applied Mathematics for Radio and Communication Engineers. N.Y., McGraw-Hill, 1945. $3.50.

1767 Smyth, Henry D.
Atomic Energy for Military Purposes. Princeton, N.J., Princeton University Press, 1945. $1.25.

1768 Society of Automotive Engineers.
Society of Automotive Engineers S.A.E. Handbook. N.Y., Society of Automotive Engineers, 1945. $5.00.

1769 Spero, Sterling D.
Government Jobs and How to Get Them. Philadelphia, Lippincott, 1945. $2.25.

1770 Steichen, Edward J.
Power in the Pacific; A Pictorial Record of Navy Combat Operations on Land, Sea and in the Sky. N.Y., U.S. Camera, 1945. $1.00.

1771 Sticker, Henry
The Art of Calculation. N.Y., Essential Books, 1945. $2.00

1772 Stokley, James
Electrons in Action N.Y., Whittlesey House, 1946. $3.00

-T-

1773 Thompson, James E.
Aircraft Production Design. San Carlos, Cal., Aviation Press, 1945. $5.00.

1774 Treacy, John
Production Illustration: The Techniques and Applications of Perspective Engineering Drawings N.Y., Wiley, 1945. $4.00.

1775 Turner, William P
Machine-Tool Work, Fundamental Principles, N.Y., McGraw-Hill, 1945. $3.00. 2d ed.

-V-

1776 Vocational Guidance Research.
500 Postwar Jobs for Men. Garden City, N.Y., Doubleday, 1945. $2.50.

-F-

1777 Wagener, Albert M., and Arthur, H.R.
The Machinists' and Draftsmen's Handbook. N.Y., D. Van Nostrand, 1945. $4.50.

1778 Walker, James, and Taylor, Carl C.
Simplified Punch and Diemaking. N.Y., Macmillan Co., 1946. $5.00.

1779 Williams, Henry L.
The Fundamentals of Electronics, and Their Applications in Modern Life. Philadelphia, Blakiston, 1945. $.69.

1780 Williams, Henry L.
The Fundamentals of Radio and How They are Applied. Philadelphia, Blakiston, 1945. $.69.

1781 Wolfe, Bernard
Plastics: What Everyone Should Know. Indianapolis, Bobbs-Merrill, 1945. $2.50.

-Z-

1782 Zweng, Charles A.
Aeronautical Training: "A Quiz System". North Hollywood, Cal., Pan American Navigation Service, 1945. $3.00.

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TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES
BOOK LIST NO. 2C - AUGUST 1946

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A and 2B. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: Publications Distribution Branch, Class 30D.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Section, Special Services Branch, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

4. Attention is invited to "New Books" column in each unit of the AAF REVIEW which supplements Technical Publications for AAF Technical Libraries. Books listed therein are available by requisition on AAF Form 104B directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio.

5. The following basic lists of periodicals, approved for AAF Technical Libraries, are furnished automatically:

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UNIVERSITY OF ILLINOIS

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
AAF Review
Air News and Air Tech
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Affairs
Military Engineer
Minicam Photography
National Aeroanutics

Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science NewsLetter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
AAF Review
Air News and Air Tech
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Engineer
Minicam Photography
National Aeronautics

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American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Camera
Command and General Staff
School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flying
Infantry Journal
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

6. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

7. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B together with two copies of AAF Form 104C to Library Section, Headquarters AAF.

8. Attention is invited to library supplies (Class 25-B) as listed in Book List 2A, July 1945 now available by requisition from the 829th Specialized Depot, Gadsden, Alabama.

9. In all cases the Technical Library will be organized so that the material will be available to all personnel of the field and will not belong to any one unit.

10. Transfers of complete AAF Technical Library collections in accordance with paragraph 8, AAF Regulation 34-5 will be made only upon directions from the Library Section of Headquarters AAF. When technical books are transferred from one AAF activity to another, they will be shipped in accordance with AR 35-6800. In no case should a technical library collection as a whole be transferred to another installation as long as any AAF activity is continued at that field.

BOOKS

- A -

1783 *Aerosphere, Inc.
Aerosphere, 1945-1946. N.Y., Aerosphere, Inc., 1946. $18.75.

Includes data on the latest American and foreign planes and engines released since V-J Day.

1784 *Aircraft Year Book for 1946.
N.Y., Lanciar Publishers, Inc., 1946. $6.00.

The standard authority on American aviation.

1785 *American Radio Relay League
The Radio Amateur's Handbook. West Hartford, Conn., American Radio Relay League, 1946. $1.00.

The standard manual of amateur radio communication.

- B -

1786 Barnard, Chester I., and others
A Report on the International Control of Atomic Energy. N.Y., Doubleday & Co., 1946. $.35.

A document which provides the basis for informed public discussion as an essential factor in developing a sound policy toward atomic energy.

1787 Bridges, Clark D.
Job Placement of the Physically Handicapped. N.Y., McGraw-Hill, 1946. $3.50.

For personnel workers who hire, select, place and supervise man power.

1788 Bush, Vannevar
Endless Horizons. Washington, D.C., American Council on Public Affairs. 1946. $2.50.

Papers, official reports and articles of an outstanding American scientist.

1789 Butcher, Harry C.
My Three Years With Eisenhower. N.Y., Simon & Schuster, 1946. $5.00.

The personal diary of Captain Harry C. Butcher.

- C -

1790 Cable, Emmett J., and others
The Physical Sciences, 2nd ed. N.Y., Prentice-Hall, 1946. $4.00.

Covers many aspects of science, including radar, atom-smashing, television, and frequency modulation.

1791 Chan, Shau Wing
Concise English-Chinese Dictionary. Cal., Stanford University Press, 1946. $4.00.

Contains over 7,500 English words ranging from technical terms to a general vocabulary.

1792 Chute, George M.
Electronics in Industry. N.Y., McGraw-Hill, 1946. $5.00.

Description and practical explanation of a wide variety of electronic equipment used in industry.

1793 Considine, Robert
General Wainwright's Story. N.Y., Doubleday & Co., 1946. $3.00
The story of a great American who maintained belief in his ideals against hopeless odds.

1794 Coyne Electrical School
Coyne Electrical and Radio Dictionary and Data Book. Chicago, 1946. $1.50.

Includes electronics, radar and atomic terms.

1795 Crum, W.L., and Schumpeter, Joseph A.
Rudimentary Mathematics for Economists and Statisticians. N.Y., McGraw-Hill, 1946. $2.50.

Rudimentary ideas and operations essential to mathematical reasoning by economists and statisticians.

- D -

1796 Davis, Maxine
Through the Stratosphere. N.Y., Macmillan, 1946. $2.75.

A reporter's record of the evolution and use of devices evolved by the Air Forces for keeping flyers healthy, happy and in the air.

1797 Department of Education, International Business Machines Corporation.
Shop Terms. Syracuse, N.Y., Syracuse University Press, 1945. $1.00.

A comprehensive and authoritative reference manual.

1798 Dunn, Frederick S., and others.
The Absolute Weapon: Atomic Power and World Order. N.Y., Harcourt Brace, 1946. $2.00.

A realistic appraisal of the effect of the atomic bomb on military science and international relations.

1799 Dykstra, Gerald O., and Dykstra, Lillian G.
The Business Law of Aviation. N.Y., McGraw-Hill, 1946. $5.00

A convenient compilation of the leading court decisions which have involved some aspect of aviation.

- F -

1800 Fitzgerald, Walter
The New Europe; an Introduction to Its Political Geography. N.Y., Harper & Brothers, 1946. $2.75.

A sound and scholarly description of the political geography of present-day Europe.

1801 *Ford, Corey, and MacBain, Alastair
The Last Time I Saw Them. N.Y., Scribner & Sons, 1946. $2.75.

The story of some remembered moments in the Air Forces. (All royalties go to the Army Air Forces Aid Society).

1802 Froesch, Charles and Walther Prokosch
Airport Planning. N.Y., John Wiley & Sons, 1946. $7.00.

A functional analysis of basic problems in planning and design.

- G -

1803 Gamow, George
Atomic Energy in Cosmic and Human Life. N.Y., Macmillan, 1946. $3.00.

The story of fifty years of radioactivity.

1804 Gaynor, Frank
International Business Dictionary. N.Y., The Philosophical Library, 1946. $6.00.

- H -

1805 Hemke, Paul E.
Elementary Applied Aerodynamics. N.Y., Prentice-Hall, 1946. $3.25.

A first course in technical applied aerodynamics.

1806 Horsley, Terrence
Soaring Flight: The Art of Gliding. N.Y., A.A. Wyn, 1946. $4.00.

Up-to-date, definitive book on motorless flight.

- I -

1807 International News Service
It Happened in 1945. N.Y., Duell, Sloan & Pearce, 1946. $3.00.

A biography of the year 1945, including happenings in science, aviation and the war.

- K -

1808 Klein, David
The Army Writer; a Guide to Military Writing. Harrisburg, Pa., Military Service Publishing Co., 1946. $2.50.

A practical guide written with wit and discrimination.

1809 Knauth, Percy
Germany in Defeat. N.Y., Alfred A. Knopf, 1946. $2.75.

The outer face and the inner character of the broken Reich.

1810 Korff, Serge A.
Electron and Nuclear Counters. N.Y., D. Van Nostrand & Co., 1946. $3.00.

Summary of theory of the discharge mechanism and the practical operation of various types of counters.

1811 Kuns, Ray F., and Plumridge, Tom C.
Automobile Engines: Construction, Care, and Repair of Automobile Engines, Carburetors, and Cooling Manifold Systems. Chicago, American Technical Society, 1946. $4.75.

Fundamentals of automobile engines.

1812 Kuns, Ray F., and Plumridge, Tom C.
Automobile Fundamentals; Chassis and Power Transmission. Chicago, American Technical Society, 1946. $4.75.

Covers construction, care and repair.

- L -

1813 Landstrom, Russell
The Associated Press News Annual: 1945, Vol. I. N.Y., Rinehart & Co., 1946. $4.00.

The story of the year, in word and picture, from AP dispatches.

1814 Laurence, William L.
Dawn Over Zero; the Story of the Atomic Bomb. N.Y., Alfred Knopf, 1946. $3.00.

A newspaper man's account telling the full story of the atomic bomb.

1815 *Lee, Asher
The German Air Force. N.Y., Harper & Brothers, 1946. $3.50.

The story of the Luftwaffe from its beginning to the ignominious end.

1816 Lincoln, Edwin S.
Industrial Electric Lamps and Lighting. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

Detailed instructions on lighting, including emergency lighting and equipment.

- M -

1817 Massachusetts Institute of Technology. Radar School.
Principles of Radar, 2d ed. N.Y., McGraw-Hill, 1946. $5.00.

Principles and applications of radar which were given for members of the Armed Forces at the Radar School of the Massachusetts Institute of Technology.

1818 Miller, Francis T.
History of World War II. Philadelphia, The John C. Winston Co., 1945. $5.00.

A narrative story of World War II intended to be complete authoritative and definitive.

1819 Miller, Frederic H.
Calculus, 2nd ed. N.Y., John Wiley & Sons, 1946. $3.50.

Basic concepts and methods.

1820 Miller, Merle and Spitzer, Abe.
We Dropped the A-Bomb. N.Y., Thomas Y. Crowell, 1946. $2.00.

The radio operator of the Great Artiste, one of the three planes that flew the Hiroshima and Nagasaki Missions, gives a first hand account of the bombings.

1821 Miller, Thomas H., and Brumitt, Wyatt.
This is Photography; Its Means and Ends. Garden City, N.Y., Garden City Publishing, 1945. $2.00.

Photographic fundamentals on a wide range of topics.

1822 Millis, Walter
The Last Phase. N.Y., Houghton-Mifflin, 1946. $2.50.

A brief, lucid account of the events in the Western European Theater from 6 June 1944 to 8 May 1945.

- N -

1823 Nelson, Jr., Otto L.
National Security and the General Staff. Washington, Infantry Journal, 1946. $5.00.

The development of the General Staff and the War Department with emphasis on World War II and the period of preparation for the war.

- P -

1824 Potter, Robert D.
The Atomic Revolution. N.Y., Robert McBride & Co., 1946. $3.50

A popular, well illustrated account of atomic energy.

1825 Pyle, Ernie
Last Chapter. N.Y., Holt, 1946. $2.50.

A brief record which completes Ernie Pyle's report on the war.

- R -

1826 Ratcliff, John D.
Science Yearbook of 1946. N.Y., Doubleday & Co., 1946. $2.50.

A record of scientific progress during the war years.

1827 Reves, Emery
The Anatomy of Peace. N.Y., Harper & Brothers, 1946. $2.00.

A plea for universal law as the most urgent need of the world today.

1828 Rider, John F.
Inside the Vacuum Tube. N.Y., John F. Rider, 1946. $4.50.

Theory and operation of the basic types of vacuum tubes.

1829 Rider, John F., and Rowe, G.C.

Radar; What It Is. N.Y., John F. Rider, 1946. $1.00.

A simple explanation of the underlying principles of radar.

1830 Roget's International Thesaurus (new ed). N.Y., Thomas Y. Crowell, 1946. $4.00.

A standard reference book on the English language.

- S -

1831 Sokolnikoff, I. S.
Mathematical Theory of Elasticity. N.Y., McGraw-Hill, 1946. $4.50.

A mathematical view of the basic theory of mechanics of deformable media.

- T -

1832 U.S. Civil Aeronautics Administration.
Army-Navy CAA Standard Airport Traffic Control Procedures. Washington, Superintendent of Documents, Government Printing Office, 1946. $.35.

A manual to standardize the operation of all airport traffic control towers.

1833 *U.S. Congress. House Committee on Pensions.
State Veterans Laws, Revised to July 1, 1945. (House Committee Print No. 8, 79th Congress, 1st Session). Washington, Superintendent of Documents, Government Printing Office, 1946. $.40.

A compilation of state laws concerning veterans.

1834 U.S. Office of Aviation Information.
Statistical Handbook of Civil Aviation. Washington, Superintendent of Documents, Government Printing Office, 1946. $.25.

- V -

1835 Vale, John W. Jr.
The Aviation Mechanic's Engine Manual with Questions and Answers. N.Y., McGraw-Hill, 1946. $5.00.

A manual designed for those making final preparation for their CAA A and E examinations.

1836 Van Valkenburg, Samuel
Peace Atlas of Europe. N.Y., Duell, Sloan & Pearce, 1946. $2.00.

An analysis of the problems involved in peace for Europe.

- W -

1837 *Wilkinson, Paul H.
Aircraft Engines of the World, 1946. N.Y., Paul H. Wilkinson, 1946. $9.00.

An international reference book devoted exclusively to aircraft engines. Part II covers jet propulsion engines including specifications and photographs.

1838 Williams, H. L.
Fundamentals of Aviation. Philadelphia, Blakiston Co., 1946. $1.00.

A basis popular account of aviation and its most recent developments.

1839 The John C. Winston Co.
The Winston Dictionary, College Edition. Philadelphia, The John C . Winston Co., 1946. $3.50.

A modern up-to-date dictionary on the college level.

1840 Wolfe, John H., Mueller, William F., and Mullikin, Seibert D.
Industrial Algebra and Trigonometry. N.Y., McGraw -Hill, 1945. $2.20.

Emphasizes industrial applications.

- Y -

1841 Yates, Raymond F.
The Working Electron. N.Y., Harper & Brothers, 1946. $2.50.

Fundamentals of electronics from the automatic door to the atomic bomb.

1842 *Young, Victor J.
Understanding Microwaves. N.Y., John F. Rider, 1946. $6.00.

Fundamentals of microwave radio and radar.

- Z -

1843 Zacharoff, Lucien
Vital Problems of Air Commerce. N.Y., Duell, Sloan & Pearce, 1946. $3.00.

A clarification of many problems posed by international air transportation.

1844 Ziff, William B.
Two Worlds. N.Y., Harper & Brothers, 1946. $3.00.

A realistic approach to the problems of keeping the peace.

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TECHNICAL PUBLICATIONS
FOR ARMY AIR FORCES
TECHNICAL LIBRARIES
BOOK LIST NO. 2D - NOVEMBER 1946

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B and 2C. As in the earlier lists, those titles which have been or are currrently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Bldg. #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Section, Special Services Branch, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open marked procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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1845 Abend, Hallett
Reconquest: Its Results and Responsibilities.
N.Y., Doubleday & Co., 1946. $2.75.

As one of thirteen experienced writers chosen by the War Department for a 32,000 mile assignment to survey the entire war-touched world, the author records his experiences.

1846 Brassey's Naval Annual, 1945. (Vol. 56) N.Y., Macmillan, 1945. $6.00.

Essays on the composition and activities of the navies of the world during 1944, together with tables of dimensions, plans and silhouettes of typical warships.

1847 Brereton, Lewis H.
The Brereton Diaries. N.Y., Morrow, 1946. $4.00.

The personal, day-to-day record of our air war by an air commander who served in all major theaters.

1848 Campbell, Levin H.
The Industry-Ordnance Team. N.Y., Whittlesey House, 1946. $5.00.

The story of the cooperation of industry and ordnance in producing and delivering fighting equipment to our armed forces and our allies.

1848A Clark, Walter
Photography by Infrared, 2d ed. N.Y., Wiley, 1946. $6.00.

Principles, practice and applications of infrared photography.

1849 Cleveland, Reginald M.
Air Transport at War. N.Y., Harper, 1946. $3.50.

The story of the Air Transport Command and the Naval Air Transport Service in the war.

1850 Cooke, Elliot D.
All But Me and Thee. Washington, Infantry Journal, 1946. $2.75.

A popular account of a study made by the Army of psychiatric casualties.

1851 Cooper, Alfred M.
How to Supervise People, 2d ed. N.Y., McGraw-Hill, 1946. $2.00.

Practical manual of the principles of industrial supervision

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1852 Crouse, William H.
Everyday Automobile Repairs. N.Y., McGraw-Hill, 1946. $3.00.

Clear, non-technical information on the operation of the automobile.

1853 Dolivet, Louis
The United Nations; A Handbook on the New World Organization. N.Y., Farrar, Straus & Co., 1946. $1.75.

An overall picture of the new world organization.

1854 Drake, Rollen H.
Aircraft Woodwork. N.Y., Macmillan, 1946. $3.50.

Suitable for use as a mechanic's manual or as a textbook in the classroom and shop.

1855 Draper, Theodore
The 84th Infantry Division in The Battle of Germany, November 1944-May 1945. N.Y., Viking Press, 1946. $5.00.

A firsthand account based largely on hundreds of pages of interviews with the actual participants.

1856 Eliot, George Fielding
The Strength We Need: A Military Program for America Pending Peace. N.Y., Viking, 1946. $3.00.

A book about the interval before peace.

1857 *Fahey, James C.
U.S. Army Aircraft, 1908-1946. N.Y., Ships and Aircraft, 1946. $1.00.

A catalog of AAF airplanes from the first flimsy pusher to the latest jets. Includes illustrations.

1858 Francis, Devon
The Story of the Helicopter. N.Y., Coward-McCann, 1946. $3.00.

Achievements in the field of helicopters with a contention by the author that this is "your personal flying machine".

1859 Frazer, R.A., and others
Elementary Matrices. N.Y., Macmillan, 1946. $4.50.

A book for the practical mathematician with many problems relating to aerodynamics.

1860 Freedman, Samuel
Two-Way Radio. Chicago, Ziff-Davis, 1946. $5.00.

Mechanics and applications of two-way radio for all forms of fixed, mobile or portable communications.

1861 Hinman, C.W.
Practical Designs for Drilling, Milling and Tapping Tools, 2d ed. N.Y., McGraw-Hill, 1946. $4.50.

Practical manual covering best methods for designing, drafting and using tools.

1862 Jane's All the World's Aircraft, 1945-1946. N.Y., Macmillan, 1946. $19.00. Vol. 34.

1863 Katz, Hyman H.
Aircraft Drafting. N.Y., Macmillan, 1946. $5.00.

A comprehensive text containing all the information needed by draftsmen in the aircraft industry.

1864 McFarland, Ross A.
Human Factors in Air Transport Design. N.Y., McGraw-Hill, 1946. $6.00.

A detailed analysis of the factors in the design of air transport planes which influence the human organism in flight.

1865 McNicol, Donald
Radio's Conquest of Space. N.Y., Murray Hill Books, 1946. $4.00.

The personalized history of what we know today as radio.

1866 Middlemiss, Ross R.
Differential and Integral Calculus, 2d ed. N.Y., McGraw-Hill, 1946. $3.25.

A revision of a standard text.

1867 Montross, Lynn

War Through the Ages. N.Y., Harper, 1946. $5.00.

A complete history of war from the early Greeks to the end of World War II.

1868 Rosenberg, Robert
Electric Motor Repair. N.Y., Murray Hill Books, 1946. $5.00.

Practical text on testing, repairing and rewinding.

1869 Sherwood, A. Wiley
Aerodynamics. N.Y., McGraw-Hill, 1946. $2.75.

Practical aspects of both theory and experiment.

1870 Still, Alfred
Communication Through the Ages. N.Y., Murray Hill Books, 1946. $2.75.

The story of man's desire to transmit his thoughts beyond the range of his own voice.

1871 *Stuart, John
Wings Over America. N.Y., Public Affairs Committee, 1946. 10¢.

A brief analysis of the future of military and commercial aeronautics.

1872 Thorner, Robert H.
Aircraft Carburetion. N.Y., Wiley, 1946. $3.50.

Fundamental principles of carburetors and related equipment.

1873 U.S. Civil Aeronautics Administration.
Army-Navy-CAA Standards for the Control of Instrument Flight Rule Traffic. Washington, Superintendent of Documents, Government Printing Office, 1946. 20¢

A manual of air traffic control procedures.

1874 Winter, William
The Model Aircraft Handbook. N.Y., Crowell, 1946. $2.50.

Complete, practical and up-to-date information on construction, design and flying technique.

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TECHNICAL PUBLICATIONS
FOR ARMY AIR FORCES
TECHNICAL LIBRARIES
BOOK LIST NO. 2E - JANUARY 1947

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C and 2D. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which <u>do not</u> appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Unit, Special Services Section, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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4. The following basic list of periodicals is furnished automatically to AAF Technical Libraries, with the exception of certain libraries at specialized AAF activities:

BASIC LIST OF PERIODICALS FOR
TECHNICAL LIBRARIES AT AAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Communications
Electrical Engineering
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Minicam Photography
National Aeronautics
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

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BASIC LIST OF PERIODICALS FOR
TECHNICAL LIBRARIES AT
AAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Communications
Electrical Engineering
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Materials and Methods
Mechanical Engineering
Military Engineer
Military Review
Minicam Photography
National Aeronautics
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B together with two (2) copies of AAF Form 104C to Library Unit, Headquarters AAF.

BOOKS

1875 Anderson, Newton A.
Aircraft Layout and Detail Design. N.Y., McGraw-Hill, 1946, 2d ed. $4.50.

A revised edition of an essential text for the aircraft layout draftsman.

1876 Aviation History Unit, The
The Navy's Air War; A Mission Completed. N.Y., Harper, 1946. $3.50.

The official story of the naval air war in all its aspects.

1877 Bond, Horatio, editor
Fire and The Air War. Boston, National Fire Protection Association, 1946. $4.00.

Expert observations on fires of the war set by incendiaries and the atomic bombs.

1878 Carini, L. F. B.
Drafting for Electronics. N.Y., McGraw-Hill, 1946. $2.50.

The principles of schematic drafting as applied to electronics.

1879 Casey, Jones Cyclopedia of Aviation Terms. N.Y., McGraw-Hill, 1946. $5.00.

Accurate definitions and explanations of aviation terms useful to those engaged in design, construction, operation and repair of airplanes.

1880 Crouse, William H.
Automotive Mechanics. N.Y., McGraw-Hill, 1946. $3.60.

Fundamentals of construction, operation, testing, adjustment, repair and maintenance.

1881 Davies, W. W.
Cargo Aircraft. N.Y., Pitman, 1946. $6.00.

Fundamentals of cargo-aircraft design and operation.

1882 Dull, Raymond W.
Mathematical Aids for Engineers. N.Y., McGraw-Hill, 1946. $4.50.

A concise treatment of basic mathematical tools essential to engineers dealing with the mathematics involved in today's engineering developments.

1883 Fisher, George J. B.
Incendiary Warfare. N.Y., McGraw-Hill, 1946. $3.00.

An authoritative text on the technique of producing fire with military projectiles.

1884 Glidden, Horace K., and others
Airports: Design, Construction and Management. N.Y., McGraw-Hill, 1946. $7.00.

Covers all aspects of airport design, construction and management.

1885 Gregory, James S., and Shave, D. W.
The U.S.S.R., a Geographical Survey. N.Y., Wiley, 1946. $4.25.

A survey of the Soviet Union in relation to its geographical background.

1886 Hamlin, Benson
Flight Testing; Conventional and Jet Propelled Airplanes. N.Y., Macmillan, 1946. $5.00.

A practical handbook for the flight test engineer, the engineering test pilot and college students interested in the use or interpretation of flight test information.

1887 Howard, Clive, and Whitley, Joe
One Damned Island After Another. Chapel Hill, N.C., University of North Carolina Press, 1946. $3.50.

Official history of the Seventh Air Force told from the point of view of the men themselves. All royalties on this book will go to the AAF Aid Society.

1888 Jost, Wilhelm
Explosion and Combustion Processes in Gases. N.Y., McGraw-Hill, 1946. $7.50.

Experimental and theoretical facts underlying explosions and combustions processes in gases. Characterized as the classic German work on jet propulsion.

1889 Keenan, J. G.
Elementary Theory of Gas Turbines and Jet Propulsion. N.Y., Oxford University Press, 1946. $3.75.

Basic principles of the gas turbine involving some mathematics. Contains one chapter on aircraft jet propulsion.

1890 Klaf, A. Albert
Trigonometry Refresher for Technical Men. N.Y., McGraw-Hill, 1946. $5.00.

Using the question and answer method a practical explanation of plane and spherical trigonometry is presented.

1891 Kohn, Irving
Meteorology for All. N.Y., Barnes & Noble, 1946. $2.00.

A simple non-technical explanation of the atmosphere, air travel, forecasting and weather in general.

1892 Lackey, Earl E., and Anderson, Esther S.
Regions and Nations of the World. N.Y., Van Nostrand, 1946. $4.75.

Using the physiographic unit as the basis of geographic descriptions and interpretations the authors cover the essential geography of the world.

1893 Ogburn, William F.
Social Effects of Aviation, The. Boston, Houghton Mifflin, 1946. $5.00.

An attempt to foresee the social changes that are coming because of aviation.

1894 Petraglia, Frank A., editor
Electronic Engineering Master Index, The; A Subject Index to Electronic Engineering Periodicals, January 1935 to June 1945. N.Y., Macmillan, 1946. $6.00.

A subject index to 65 electronic engineering and allied periodicals published from January 1935 to June 1945, containing approximately 10,000 entries.

1895 Pettee, George S.
The Future of American Secret Intelligence. Washington, Infantry Journal Press, 1946. $2.00.

A consideration of the failures in intelligence and a plea for a single organization to perform this function.

1896 Sasso, John
Plastics Handbook for Product Engineers. N.Y., McGraw-Hill, 1946. $6.00.

Practical and fundamental data on plastics and synthetic rubber for designers and product engineers.

1897 Siegel, Philip
The Aircraft Mechanic; A Manual for Certificate Candidates. N.Y., Pitman, 1946. $4.00.

A manual including questions and answers on all subjects required by the CAA for the licensing of an aircraft mechanic.

1898 Smith, Edward S. C., and others
Applied Atomic Power. N.Y., Prentice-Hall, 1946. $4.00.

Simple explanation of atomic power and its possible applications to our everyday needs and purposes.

1899 *Smith, G. Geoffrey
Gas Turbines and Jet Propulsion for Aircraft. N.Y., Aircraft Books, Inc., 1946. 4th ed. $5.00.

A comprehensive treatise on a significant development in aircraft propulsion.

1900 Sundborg, George
Opportunity in Alaska. N.Y., Macmillan, 1946. $2.50.

An objective appraisal of Alaska as the land of opportunity. Invaluable to persons who contemplate going there.

1901 Ten Eyck, Andrew
Jeeps in the Sky. N.Y., Commonwealth Books, Inc. $3.00.

The story of the role of the light plane in World War II. All royalties on this book will go to the AAF Aid Society.

1902 U.S. War Department. Historical Division.
The Capture of Makin. Washington, Government Printing Office, 1946. $.35.

An account of this important Pacific operation.

1903 U.S. War Department
United States Strategic Bombing Survey, effects of atomic bombs in Hiroshima and Nagasaki. Washington, Government Printing Office, 1946. $.45.

Available facts about the power of the atomic bomb as a military weapon.

1904 U.S. Weather Bureau
Weather Glossary. Washington, Government Printing Office, 1946. $.65.

Defines words as used in relation to meteorology.

1905 Wilkie, H. Frederick
A Rebel Yells. N.Y., Van Nostrand, 1946. $3.00.

A plea for industry to welcome social improvement through change with emphasis on cultivation of the potentialities of individuals.

1906 Zacharoff, Lucien
World's Wings, The. N.Y., Duell, Sloan & Pearce, 1946. $3.00.

Discusses, the struggle that is being fought behind the scenes of the global airways and offers a program that can peacefully solve the problems of air imperialism.

1907 Zweng, Charles A.
Aeronautical Navigation. North Hollywood, Calif. Pan American Navigation Service, 1946. $4.00.

A comprehensive text on air navigation, including text material and questions helpful in preparing for government examinations.

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cop. 2

HEADQUARTERS, ARMY AIR FORCES
WASHINGTON

TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES BOOK LIST NO. 2F - MAY 1947

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C, 2D and 2E. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

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c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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1908 *Aircraft Yearbook for 1947. N. Y., Lanciar Publishers, Inc., 1947. $6.00.

The standard authority on American Aviation.

1909 American Radio Relay League. Radio Amateur's Handbook, 24th ed. West Hartford, Conn., American Radio Relay League, 1947. $1.25.

The 24th edition of the best known and most authoritative handbook for radio amateurs.

1910 Bailly, Edward C., Jr.
The Art of Flight Instruction. N. Y., Harper, 1947. $3.00.

An invaluable book for flight instructors as well as being of use to students to show them the problems of the instructors.

1911 Baxter, James Phinney, 3d
Scientists Against Time. Boston, Little, Brown, 1946. $5.00.

The official story of the secret weapons designed for World War II written by the president of Williams College as a popular over-all history of the work of the OSRD.

1912 Bendz, W. I.
Electronics for Industry. N. Y., Wiley, 1947. $5.00.

A practical, non-mathematical explanation for engineers and technicians who want an understanding of the fundamentals of electronics.

1913 Boucher, Paul E.
Fundamentals of Photography, 2d ed. N. Y., Van Nostrand, 1947. $4.00.

For the serious student and the amateur who wishes to extend his technical knowledge of photography.

1914 Campbell, John W.
The Atomic Story. N. Y., Holt, 1947. $3.00.

The story of atomic physics in layman's language.

1915 Chase, Carl T.
Evolution of Modern Physics. N. Y., Van Nostrand, 1947. $2.50.

A review of the triumphal march of physical discovery from the dawn of science to the present.

1916 Cleveland, Reginald
The Aviation Annual of 1947. N. Y., Harper, 1947. $5.00.

A survey of 1946 developments in transport, military and private flying the first peacetime year in half a decade.

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1917 Coale, Ansley J.
The Problem of Reducing Vulnerability to Atomic Bombs. Princeton, N. J., Princeton University Press, 1947. $2.00.

A simple non-technical examination of the problem of reducing vulnerability to atomic bombs.

1918 Cooper, Herbert J.
Scientific Instruments. N. Y., Chemical Pub. Co., 1946. $6.00.

A discussion of a wide range of instruments designed for making physical measurements. It is written from the English point of view.

1919 Crehore, Albert Cushing
Electrons, Atoms, Molecules. Boston, Christopher Pub. House, 1946. $3.75.

An explanation and correlation of various physical phenomena based on a new conception of atoms in their steady state. Involves considerable mathematics.

1920 DeArmond, Fred
Executive Thinking and Action. N. Y., McGraw-Hill, 1946. $3.00.

The methods and practices of executive achievement as demonstrated by the activities of well-known leaders.

1921 Frederick, John H.
Commercial Air Transportation, Chicago, Richard D. Irwin, Inc., 1946. $5.00, rev. ed.

A consideration of the development, federal regulation, problems, services and operating methods of commercial air transportation.

1922 Frisch, O. R.
Meet the Atoms. N. Y., Wyn, 1947. $3.00.

The background of experiment and discovery which led to the release of atomic power told by a physicist with clarity and simplicity.

1923 Garbell, Maurice A.
Tropical and Equatorial Meteorology. N. Y., Pitman, 1947. $12.00.

Complete book on the meteorology of the low latitudes lying between the latitudes 30°N and 30°S.

1924 Harkins, L. B.
Magnesium Fabrication. N. Y., Pitman, 1947. $2.75.

Authoritative data for all phases of the fabrication of magnesium-alloy sheet, extrusions, and tubing into the finished product.

BOOKS

1943 Abbott, Arthur L.
National Electrical Code Handbook. N.Y., McGraw-Hill, 1947. $4.00.

A restatement in simple language with explanations and practical directions of the National Electric Code for the use of electricians and others interested in electrical installations.

1944 Adams, Orville L.
Diesel Operation and Maintenance. N.Y., Prentice-Hall, 1946. $5.00.

Covers operation and maintenance problems of all types of Diesel engines.

1945 Bennett, H.
Concise Chemical and Technical Dictionary. N.Y., Chemical Pub. Co., 1947. $10.00.

Some 50,000 definitions covering every field of scientific and technical development.

1946 Cooper, John C.
The Right to Fly. N.Y., Holt, 1947. $5.00.

An analysis of air power including its elements, geographic considerations and the actual and potential strengths of the various nations.

1947 Cusset, Francis
English-French and French-English Technical Dictionary. N.Y., Chemical Pub. Co., 1946. $5.00.

Intended for use of translators, librarians and students, engineers, industrial workers and chemists.

1948 Den Hartog, J. P.
Mechanical Vibrations, 3d ed. N.Y., McGraw-Hill, 1947. $6.00.

Deals with vibration phenomena in a thoroughly technical manner, while emphasizing the many applications of principles and calculations to the practical vibration problems encountered by the engineer.

1949 Drake's Cyclopedia of Radio and Electronics, 12th ed. (Edited by Harold P. Manly). Chicago, Drake & Co., 1946. $6.00.

The latest edition of a standard reference and instruction book.

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BOOKS

1950 Duffin, D. J.
Generators and Motors and Their Application. N.Y., McGraw-Hill, 1947. $4.00.

A practical text for on-the-job use by armature winders and electric motor repair men.

1951 Fink, Donald G.
Radar Engineering. N.Y., McGraw-Hill, 1947. $7.00.

A practical, illustrated handbook designed specifically to acquaint engineers and technical workers in radio and electronics with the new techniques used in radio detecting and ranging of objects.

1952 Graham, Frank D.
Audels Machinists and Tool Makers Handy Book. N.Y., Audel & Co., 1946. $4.00.

A course for machinists and material for tool makers.

1953 Herron, Edward A.
Alaska, Land of Tomorrow. N.Y., McGraw-Hill, 1947. $2.75.

Alaska's industries, opportunities and everyday life, described section by section.

1954 Lanks, Herbert C.
Highway to Alaska. N.Y., Appleton-Century, 1944. $5.00.

The report of a trip along the Alcan highway, illustrated with many photographs.

1955 Lee, James
Operation Lifeline; History and Development of the Naval Air Transport Service. Chicago, Ziff-Davis, 1947. $5.00.

Story in text and pictures of the Naval Air Transport Service.

1956 Liepmann, Hans Wolfgang, and Puckett, Allen E.
Introduction to Aerodynamics of a Compressible Fluid. N.Y., Wiley, 1947. $4.00.

For students, engineers and scientists working with problems of compressible flow.

1957 Mackenzie, DeWitt
The Associated Press News Annual: 1946. N.Y., Rinehart, 1947. $5.00.

The story of a year, in word and picture, compiled and written from the dispatches and pictures of Associated Press correspondents and photographers around the world.

BOOKS

1958 Michal, Aristotle D.
Matrix and Tensor Calculus with Applications to Mechanics, Elasticity, and Aeronautics. N.Y., Wiley, 1947. $3.00.

Applied mathematics for aeronautical, electrical and mechanical engineers; for mathematicians, physicists, and meteorologists.

1959 Ranney, H. W., compiler
Cathode Ray Oscillograph in Industrial Electronic Circuits. Albany, N.Y., Delmar Publishers, Inc., 1947. $3.00.

A guide to instructors and students who wish to become familiar with the use of the cathode ray oscillograph.

1960 Richardson, H. M., and Wilson, J. Watson
Fundamentals of Plastics. N.Y., McGraw-Hill, 1946. $5.00.

An overall view of the plastics industry covering chemical structure and physical properties, a discussion of the six classes of plastics, commercial methods of manufacture and evaluation of plastics.

1961 Ridenour, Louis N., ed.
Radar System Engineering. (MIT Radiation Laboratory Series). N.Y., McGraw-Hill, 1947. $7.50.

A general treatise and reference book on the design of radar systems incorporating the wartime research of the Radiation Laboratory of Massachusetts Institute of Technology.

1962 Shores, Louis
Highways in the Sky; the story of the AACS. N.Y., Barnes & Noble, 1947. $3.00.

How we built our airways all over the world into the greatest system ever conceived; how the system has declined and the need for its preservation. All royalties go to the AAF Aid Society.

1963 Siskind, Charles S.
Electricity - Principles, Practice, Experiments. N.Y., McGraw-Hill, 1947. $2.60.

Elementary principles of electricity for senior high schools, vocational schools, junior colleges and technical institute classes.

1964 Straubel, James H.
Air Force Diary. N.Y., Simon and Schuster, 1947. $3.75.

Three short articles reprinted from AIR FORCE magazine which cumulatively give a vivid picture of the Army Air Forces and its part in the war.

BOOKS

1965 Taylor, Frank J., and Wright, Lawton
Democracy's Air Arsenal, N.Y., Duell, Sloan & Pearce, 1947. $7.50.

A pictorial study of every phase of the aircraft industry's war effort, telling of the achievements of the seven companies comprising the Aircraft War Production Council, - Boeing, Consolidated-Vultee, Douglas, Lockheed, North American, Northrop and Ryan.

1966 Thompson, Robert L.
Leathercraft. N.Y., Van Nostrand, 1947. $2.40.

A book for the beginning leathercraftsman - suitable for hobby shops.

1967 Titterton, George F.
Aircraft Materials and Processes. N.Y., Pitman, 1947, 3rd ed. $4.75.

This new edition contains new materials and processes developed during and since the war.

1968 *Wilkinson, Paul H.
Aircraft Engines of the World, 1947. N.Y., Paul H. Wilkinson, 1947. $10.00.

Specifications of all the latest aircraft engines in standardized page form facing full-page illustrations are given in this fifth volume of this international reference book.

1969 Young, Ross
Personnel Manual for Executives. N.Y., McGraw-Hill, 1947. $2.50.

A McGraw-Hill Industrial Organization and Management Series. A guide to human relations and scientific personnel work, for business and industrial executives.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 2H - OCTOBER 1947

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C, 2D, 2E, 2F and 2G.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need on AAF Forms 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, DCS/PA, Headquarters USAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 24 July 1947 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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BOOKS

1970 Allen, Oliver Field
The Modern Diesel. N.Y., Prentice-Hall, 1947. $5.00.

An account of the history and background of Diesel engines indicating by many illustrations its applications to date as a prime mover.

1971 Allen, Robert S.
Lucky Forward; the History of Patton's Third U.S. Army. N.Y., Vanguard Press, 1947. $5.00.

A controversial history of Patton's Third U.S. Army

1972 Baitsell, George A., ed.
Science in Progress, 5th Series. New Haven, Yale University Press, 1947. $5.00.

Accounts by outstanding scientists of progress in their respective fields.

1973 Barnes, G. M.
Weapons of World War II. N.Y., Van Nostrand, 1947. $7.50.

Principal characteristics and use in battle of World War II weapons, including aircraft armament, antiaircraft weapons and rockets.

1974 Bouchard, Harry
Surveying, 3d ed. Scranton, Pennsylvania, International Textbook Co., 1947. $4.50.

The third edition of a standard text incorporating material on state systems of plane coordinates established by the Coast and Geodetic Survey.

1975 Brady, George Stuart
Materials Handbook, 6th ed. N.Y., McGraw-Hill, 1947. $7.00.

An encyclopedia for purchasing agents, engineers, executives and foremen.

1976 Brotherton, M.
Capacitors; Their Use in Electronic Circuits. N.Y., Van Nostrand, 1946. $3.00.

The basic working information required by the average circuit designer to evaluate circuit requirements in terms of capacitors.

BOOKS

1977 Brown, Samuel P.
Air Conditioning and Elements of Refrigeration. N.Y., McGraw-Hill, 1947. $4.75.

A complete, practical working textbook and handbook suitable for study by those working in design, installation or operation of heating, ventilating and allied mechanical equipment of buildings.

1978 *Callahan, North
The Armed Forces as a Career. N.Y., Whittlesey House, McGraw-Hill, 1947. $3.00.

An up-to-date compilation of all pertinent data on careers in the Army, the Navy, the Coast Guard and the Marines.

1979 Campbell, John C., and others
The United States in World Affairs, 1945-1947. N.Y., Harper, 1947. $5.00.

An authoritative account of the main lines of our foreign relations from the end of the war to the spring of 1947.

1980 Chandler, Stedman and Robb, Robert W.
Front-Line Intelligence. Washington, Infantry Journal Press, 1946. $2.50.

An exposition of how to do what the field manuals tell you must be done.

1981 Cork, James M.
Radioactivity and Nuclear Physics. N.Y., Van Nostrand, 1947. $4.00.

A text for graduate students and research workers.

1982 Cornell, William B.
Organization and Management in Industry and Business, 3d ed. N.Y., Ronald Press, 1947. $5.00.

An overall view of industrial operations useful in planning industrial mobilization.

1983 DeChant, John A.
Devilbirds; the Story of United States Marine Corps Aviation in World War II. N.Y., Harper, 1947. $4.00.

Well-documented, reportorial account of what the Air Arm of the Marine Corps did in the recent war.

BOOKS

1984 De Guingand, Sir Francis
Operation Victory. N.Y., Scribner's, 1947. $3.75.

Montgomery's Chief of Staff relates a first hand account of the war as he saw it.

1985 Drake, Rollen H.
Aircraft Sheet Metal. N.Y., Macmillan, 1947. $5.50.

All phases of aircraft sheet-metal work containing all information and instructions needed to fulfill sheet metal requirements of an aircraft mechanic's license.

1986 Drake, Rollen H.
Aircraft Welding. N.Y., Macmillan, 1947. $4.00.

Covers information and instruction needed to fulfill the welding requirements for an aircraft mechanic's license.

1987 Eidinoff, Maxwell Leigh
Atomics for the Millions. N.Y., McGraw-Hill, 1947. $3.50.

A popular account of the basic principles behind the development of atomic energy.

1988 Garami, Louis and McEntee, Howard
Model Motor Manual. N.Y., Air Age, 1947. $3.00.

Latest data on theory, design and operation of model aircraft engines.

1989 Harrison, A. E.
Klystron Tubes. N.Y., McGraw-Hill, 1947. $3.50.

An introduction to the behavior of klystron tubes.

1990 Heavey, William F.
Down Ramp! The Story of The Army Amphibian Engineers. Washington, Infantry Journal Press, 1947. $5.00.

How we landed armies on hostile shores all over the world.

1991 Hoffman, Banesh
The Strange Story of the Quantum. N.Y., Harper, 1947. $3.00.

An account for the general reader of the growth of ideas underlying our present atomic knowledge.

BOOKS

1992 Holborn, Hajo
American Military Government: Its Organization and Policies. Washington, Infantry Journal Press, 1947. $3.50.

A critical and comprehensive presentation of American Military Government during and since World War II.

1993 Hollomon, John H., and Jaffe, Leonard D.
Ferrous Metallurgical Design. N.Y., Wiley, 1947. $5.00.

Modern viewpoints and scientific principles that can be applied to the selection of steels to obtain optimum mechanical properties.

1994 Howard, Beverly E. and Strohmeier, William D.
You Can Learn to Fly. N.Y., Prentice-Hall, 1947. $3.75.

Two outstanding pilots explain how a propsective candidate can learn to fly and acquire his license.

1995 Karig, Walter and Purdon, Eric
Battle Report: Pacific War: Middle Phase. N.Y., Rinehart, 1947. $5.00.

The third volume in the series covering Coral Sea, Midway and the Defensive-Offensive Phase of the sea war in the Pacific.

1996 Kinnaird, Clark
It Happened in 1946. N.Y., Duell, Sloan and Pearce, 1947. $6.00.

Events of the past year in many fields of activity as recorded by International News Service, King Features Syndicate and International News Photos.

1997 Lent, Constantin Paul
Rocketry: Jets and Rockets. N.Y., Pen-Ink Publishing Company, 1947. $5.00.

The science of the reaction motor and its practical application for aircraft and space travel.

1998 McInnis, Edgar
The War: Sixth Year. N.Y., Oxford University Press, 1946. $3.00.

The final volume in the series carrying the war down to the surrender of Japan in the Pacific.

BOOKS

1999 Marchand, Nathan
Ultrahigh Frequency Transmission and Radiation. N.Y., Wiley, 1947. $4.50.

Basic principles of the radiation and transmission of electromagnetic waves.

2000 Marshall, Samuel L. A.
Men Against Fire; The Problem of Battle Command in Future War. Washington, Infantry Journal, 1947. $2.75.

Physical and psychological aspects of the problem of command in minor tactics.

2001 Mautner, Leonard
Mathematics for Radio Engineers. N.Y., Pitman, 1947. $5.00.

Essential trigonometry, calculus and differential equations required to solve everyday design problems in radio, electronics, radar and associated fields.

2002 Meyers, Lester
High-Speed Mathematics. N.Y., Van Nostrand, 1947. $5.95.

Rapid methods of calculation using primarily mental computations with means of checking on errors.

2003 Miller, John Anderson
Men and Volst at War; The Story of General Electric in World War II. N.Y., McGraw-Hill, 1947. $3.75.

An account of what is involved and the results obtained in the mobilization of the largest electrical manufacturing company for war.

2004 Mooney, James D.
The Principles of Organization, rev. ed. N.Y., Harper, 1947. $3.00.

An historical and interpretative study of the laws and principles that govern organized effort.

2005 Morgan, J. H.
Assize of Arms. Cambridge, Oxford University Press, 1946. $3.50.

The story of the myth of Germany's disarmament after the First World War and her rearmament (1919-1939).

2006 Morgan, Murray
Bridge to Russia; Those Amazing Aleutians. N.Y., Dutton, 1947. $3.00.

The story of the Aleutians from their discovery to the present time.

2007 Nauth, Raymond
The Chemistry and Technology of Plastics. N.Y., Reinhold, 1947. $9.50.

A comprehensive text with many applications and illustrations relating to aircraft.

2008 Nelson, J. Raleigh
Writing the Technical Report, 2d ed. N.Y., McGraw-Hill, 1947. $3.00.

A consideration of the report as a structure designed for service so that the writer will give the reader what he wants in the form most adaptable to his uses.

2009 Nilson, Arthur R., and Hornung, J. L.
Radio Operating Questions and Answers, 8th ed. N.Y., McGraw-Hill, 1946. $3.50.

Covers questions asked in government-license examinations and serves as a review for applicants.

2010 Nordhoff, W. A.
Machine-Shop Estimating. N.Y., McGraw-Hill, 1947. $6.00.

A manual for apprentices, machinists, toolmakers, draftsmen, superintendents based on wartime experience in the aircraft industry.

2011 Odell, Margaret K., and Strong, Earl P.
Records Management and Filing Operations. N.Y., McGraw-Hill, 1947. $4.00.

Information on which to base policies regarding records as well as procedures for handling records in an organization.

2012 Puleston, W. D.
The Influence of Sea Power in World War II. New Haven, Conn, Yale University Press, 1947. $5.00.

An examination of the influence of sea power in World War II and the future of sea power in the atomic age.

BOOKS

2013 Ratcliff, J. D. ed.
Science Year Book of 1947. N.Y., Doubleday, 1947. $2.50.

The sixth science annual containing reports by experts in various fields.

2014 Regen, Bernard R., and Regan, Richard R.
German-English Dictionary for Electronics Engineers and Physicists. Ann Arbor, Michigan, J. W. Edwards, 1946. $6.00.

21,000 entries defining electronic terms of interest to engineers, physicists, students, teachers and research workers.

2015 Rodale, J. I., and others
The Word Finder. Allentown, Pennsylvania, 1947. $6.50.

A unique reference book designed to aid writers in rebuilding sentences to give greater variety and meaning to their compositions.

2016 Rosser, J. Barkley and others
Mathematical Theory of Rocket Flight. N.Y., McGraw-Hill, 1947. $4.50.

The official final report to the OSRD concerning the work done on the exterior ballistics of fin-stabilized rocket projectiles.

2017 Ryder, John D.
Electronic Engineering Principles. N.Y., Prentice-Hall, 1947. $5.00.

A presentation of electronics as an independent field of engineering.

2018 *Sawyer, R. Tom
Gas Turbine Construction. N.Y., Prentice-Hall, 1947. $7.00.

Covers stationary, marine and locomotive turbines, as well as aircraft gas turbines, turbochargers and turbosuperchargers.

2019 Sawyer, R. Tom
The Modern Gas Turbine, 2d. ed. N.Y., Prentice-Hall, 1947. $4.00.

The major revision consists of the rewriting of the chapter on "the Gas Turbine as an aircraft prime mover."

2020 Shannon, James I.
The Amazing Electron. Milwaukee, Bruce, 1946. $4.00.

An explanation of electronics in non-technical terms requiring, however, a definite interest in the subject.

BOOKS

2021 Simon, Leslie E.
German Research in World War II; An Analysis of the Conduct of Research. N.Y., Wiley, 1947. $4.00.

An account of the examination of Nazi scientific establishments immediately following their capture.

2022 Smith, Edward S.
Control Charts; An Introduction to Statistical Quality Control. N.Y., McGraw-Hill, 1947. $3.00.

Practical methods and charts of statistical quality control presented with a minimum of mathematical analyses.

2023 War Reports of George C. Marshall, H. H. Arnold (and) Ernest J. King; foreword by Walter Millis. Philadelphia, Lippincott, 1947. $7.50.

A first hand account of the military aspects of our war effort by the three top men having final responsibility.

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TECHNICAL PUBLICATIONS

FOR AIR FORCE TECHNICAL LIBRARIES

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WASHINGTON, D. C.

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES

BOOK LIST NO. 3—JULY 1948

1. The following basic list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by Air Force Technical Libraries. It supersedes all previous lists and includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, through 21.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at Air Force installations. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment of funds available for technical books and periodicals, and requisitioning does not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distributing Section, Building #281.

3. Requisitions for books which *do not* appear on AF book lists will be considered for purchase if submitted, with justifications for the need on AAF Forms 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers in latest SB 10-87, listed by contractor.
b. Books requiring open market procurement.
c. Publications of Government Printing Office.
d. Obscure or hard to get items such as publications in foreign languages or out of print titles.

4. The following basic list of technical periodicals is furnished automatically to Air Force Technical Libraries, with the exception of certain libraries at specialized USAF activities:

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT USAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails and Service Frontier
All Hands
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Audio Engineering
Automotive Industries
Aviation Maintenance and Operations
Aviation Week

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Booklist
Bulletin of the American Meteorological Society

Camera
Civil Aeronautics Journal
Communications

Electronics

Flight
Flying

Infantry Journal
Instruments

Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards

Library Journal

Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Minicam Photography

National Aeronautics and Flight Plan

Ordnance

Plane Facts
Popular Mechanics
Popular Photography
Popular Science

Q.S.T.

Radio News
R.A.F. Quarterly

Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways

Technical Book Review Index

U. S. Air Services
U. S. Official Postal Guide

Western Flying

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT USAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air Trails and Service Frontier
American Aviation
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Audio Engineering
Automotive Industries
Aviation Week

Booklist

Communications

Electronics

Flying

Infantry Journal
Instruments

Journal of Aeronautical Sciences
Journal of Aviation Medicine
Materials and Methods
Military Engineer
Military Review
Minicam Photography

National Aeronautics and Flight Plan

Ordnance

Plane Facts
Popular Mechanics
Popular Photography
Popular Science

Q.S.T.

Radio News

Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways

Technical Book Review Index

U. S. Air Services

Western Flying

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B, together with two (2) copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF.

AUTHOR LIST

Starred items (*) indicate title is on Basic Collection

- A -

1 Abbett, Robert W. *Engineering Contracts and Specifications.* N.Y., Wiley, 1945. $2.50.

2 Abbott, Arthur L. *National Electrical Code Handbook.* N.Y., McGraw, 1947. $4.00.

3 Abend, Hallett. *Reconquest: Its Results and Responsibilities.* N.Y., Doubleday, 1946. $2.75.

4 Abrams, Talbert. *Essentials of Aerial Surveying and Photo Interpretation.* N.Y., McGraw, 1944. $3.25.

5 Adams, Arthur S., and Hilding, G. D. *Fundamentals of Thermodynamics.* N.Y., Harper, 1945. $3.75.

6 Adams, David R. *Practical Aircraft Stress Analysis,* 2d ed. N.Y., Pitman, 1938. $3.00.

7 Adams, Harold W. *Aircraft Hydraulics.* N.Y., McGraw, 1943. $2.00.

8 Adams, Orville L. *Diesel Operation and Maintenance.* N.Y., Prentice-Hall, 1946. $5.00.

9 Adamson, Hans C. *Eddie Rickenbacker.* N.Y., Macmillan, 1946. $2.75.

10 Ageton, Arthur A. *Manual of Celestial Navigation.* N.Y., Van Nostrand, 1942. $1.85.

11 Ahrens, Lothar. *Dictionary of Aeronautics; English, French, German, Italian, Spanish.* N.Y., Frederick Ungar, 1943. $5.00.

12 **Aircraft Yearbook for 1947.* N.Y., Lanciar Pubs., 1947. $6.00.

13 Aitken, Alexander C. *Statistical Mathematics,* 4th ed. N.Y., Interscience Pub., 1945. $2.25.

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1156 Younger, John E. *Mechanics of Aircraft Structures,* 2d ed. N.Y., McGraw, 1942. $4.50.

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1157 Zacharoff, Lucien. *Vital Problems of Air Commerce.* N.Y., Duell, Sloan & Pearce, 1946. $3.00.

1158 Zacharoff, Lucien. *World's Wings.* N.Y., Duell, Sloan & Pearce, 1946. $3.00.

1159 Zepler, E. E. *Technique of Radio Designs.* N.Y., Wiley, 1943. $4.00.

1160 Zeluff, Vin and Markus, John. *What Electronics Does.* N.Y., McGraw, 1948. $3.00.

1161 Ziff, William B. *Two Worlds.* N.Y., Harper, 1946. $3.00.

1162 Zim, Herbert S. *Air Navigation.* N.Y., Harcourt Brace, 1943. $3.00.

1163 Zim, Herbert S. *Man in the Air; the Effects of Flying on the Human Body.* N.Y., Harcourt Brace, 1943. $3.00.

1164 Zmeskal, Otto. *Radiographic Inspection of Metals.* N.Y., Harper, 1943. $2.75.

1165 Zucrow, M. J. *Principles of Jet Propulsion and Gas Turbines.* N.Y., Wiley, 1948. $6.50.

1166 Zweng, Charles A. *Aeronautical Navigation,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1167 Zweng, Charles A. *Aeronautical Training: "A Quiz System,"* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1168 Zweng, Charles A. *Aircraft and Engine Mechanics,* rev. ed. Bloomington, Ill., McKnight, 1947. $3.00.

1169 Zweng, Charles A. *Aircraft and Engine Mechanic Manual,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1170 Zweng, Charles A., and Zweng, A. C. *Airline Transport Pilot Rating,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

1171 Zweng, Charles A. *Airport Operation and Management.* North Hollywood, Calif., Pan American Navigation Service, 1947. $5.00.

1172 Zweng, Charles A. *Flight Engineers Manual.* North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

1173 Zweng, Charles A. *Flight Instructor,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1174 Zweng, Charles A. *Ground Instructor,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1175 Zweng, Charles A. *Meteorology for Airmen,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1176 Zweng, Charles A. *Parachute Technician.* North Hollywood, Calif., Pan American Navigation Service, 1944. $3.00.

1177 Zweng, Charles A. *Radio and Instrument Flying,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

1178 Zweng, Charles A. *Zweng Aviation Dictionary.* North Hollywood, Calif., Pan American Navigation Service, 1944. $6.00.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D. C.

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 3A JULY 1948

1. The following basic list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by Air Force Technical Libraries. This list includes titles which are on Book List No. 3, now in process of reproduction, and which will be distributed at an early date. It also includes some new titles which are not on Book List 3. These begin with Item No. 1179.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at Air Force installations. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment of funds available for technical books and periodicals, and requisitioning does not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on AF book lists will be considered for purchase if submitted, with justifications for the need on AAF Forms 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers in latest SB 10-87, listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages or out of print titles.

LIST OF BOOKS APPROVED SINCE PUBLICATION OF
BOOK LIST NO. 21 - FEBRUARY 1948

The titles listed below are on Book List No. 3, now in process of reproduction.

314 Ennes, Harold E.
Broadcast Operators Handbook. N.Y., Rider, 1947. $3.30.

357 French, Marion O.
America and War. Harrisburg, Pa.,Military Service, 1947. $5.00.

404 Gray, George William
Frontiers of Flight; the Story of NACA Research. N.Y., Knopf, 1948. $6.00.

429 Hamilton, D. R., and others
Klystrons and Microwave Triodes (MIT Radiation Laboratory Series Vol. 7). N.Y., McGraw-Hill, 1948. $7.50.

692 Marcus, Abraham and Marcus, William
Elements of Radio, 2d ed. N.Y., Prentice-Hall, 1948. $3.00.

714 Menzel, Donald H.
Elementary Manual of Radio Propagation. N.Y., Prentice-Hall, 1948. $7.65.

736 Mirsky, Jeannette
To the Arctic! The Story of Northern Exploration from Earliest Times to the Present. N.Y., Knopf, 1948. $5.00.

741 Moe, Harris G.
Flight Engineering and Cruise Control. N.Y., Wiley, 1947. $4.00.

817 *Patman, Wright
Our American Government; The Answers to 1001 Questions on How it Works. Chicago, Ziff-Davis Publishing Co., 1948. $1.50 (paper)

835 Pierce, J. A., and others
Loran Long Range Navigation (MIT Radiation Laboratory Series Vol. 4). N.Y., McGraw-Hill, 1948. $6.00.

838 Pope, Allan
Wind-Tunnel Testing. N.Y., Wiley, 1947. $5.00.

881 Rider, John F., and Uslan, Seymour D.
FM Transmission and Reception. N.Y., Rider, 1948. $2.70.

942 Shields, Bert A.
Air Pilot Training, 3d ed. N.Y., McGraw-Hill, 1948. $5.00.

949 Shurcliff, W. A.
Bombs at Bikini; The Official Report of Operation Crossroads. N.Y., William H. Wise, 1947. $3.50.

977 Smullin, L. D.
Microwave Duplexers (MIT Radiation Laboratory Series, Vol. 14). N.Y., McGraw, 1948. $6.50.

982 Spangenberg, Karl R.
Vacuum Tubes. N.Y., McGraw-Hill, 1948. $7.50.

1006 Stimson, Henry L., and Bundy, McGeorge
On Active Service in Peace and War. N.Y., Harper, 1948. $5.00.

1035 Theodorsen, Theodore
Theory of Propellers. N.Y., McGraw-Hill, 1948. $3.50.

1037 Thomson, Sir George
The Atom, 3d ed. N.Y., Oxford University Press, 1948. $2.00.

1085 Veinott, Cyril G.
Fractional Horsepower Electric Motors, 2d ed. McGraw-Hill, 1948. $5.00.

1079 Van Voorhis, S. N.
Microwave Receivers (MIT Radiation Laboratory Series, Vol. 23). N.Y., McGraw-Hill, 1948. $8.00.

1093 Wall, Edward J., and Jordan, Franklin I.
Photographic Facts and Formulas. Boston, American Photographic Publishing Co., 1947. $5.00.

1125 *Wilkinson, Paul H.
Aircraft Engines of the World, 1948. N.Y., Paul H. Wilkinson, 1948. $10.00.

1160 Zeluff, Vin and Markus, John
What Electronics Does. N.Y., McGraw-Hill, 1948. $3.00.

* Basic titles. These books will be automatically distributed to each USAF Technical Library.

New titles approved since the establishment of Book List No. 3.

1179 Air Officer's Guide, The
Harrisburg, Military Service, 1948. $3.50.

1180 Americana Annual, 1948. N.Y., Americana Corporation, 1948.
$10.00. General Schedule of Supply.

1181 Baldwin, Hanson W.
The Price of Power. N.Y., Harper, 1948. $3.75.

1182 Barton, Millard Vernon
Fundamentals of Aircraft Structures. N.Y., Prentice-Hall, 1948.
$6.00.

1183 Bennett, Harry
The Chemical Formulary; A Collection of Valuable, Timely, Practical, Commercial Formulae and Receipes for Making Thousands of Products in Many Fields of Industry, Vol. 8. N.Y., Chemical Publishing Co., 1948. $7.00.

1184 *Building America - Aviation. Vol. 13, No. 4. N.Y., Americana Corporation, 1948. $.40.

1185 Burchard, John E.
Rockets, Guns and Targets; foreword by Richard C. Tolman.
Boston, Little, Brown, 1948. $6.00.

1186 Collins, George B.
Microwave Magnetrons. (MIT Radiation Laboratory Series, Vol. 6).
N.Y., McGraw-Hill, 1948. $9.00.

1187 Dell, Truman G., and others
Brake Work for Automobile Mechanics. Albany, N.Y., Delmar Publishers, Inc., 1948. $3.50.

1188 Divine, A. D.
Dunkirk. N.Y., Dutton, 1948. $4.50.

1189 Drake, R. H.
Aircraft Engines. N.Y., Macmillan, 1948. $5.90.

1190 General Repair Tools for Automobile Mechanics. Albany, N.Y., Delmar Publishers, Inc., 1948. $3.00.

1191 Glasoe, G. N. and Lebacqz, J. V.
Pulse Generators. (MIT Radiation Laboratory Series, Vol. 5).
N.Y., McGraw-Hill, 1948. $9.00.

1192 Goldman, Stanford
Frequency Analysis, Modulation and Noise. (Radio Communication Series). N.Y., McGraw-Hill, 1948. $6.00.

1193 Greenwood, Ivan A., Jr., and others
Electronic Instruments. (MIT Radiation Laboratory Series, Vol. 21). N.Y., McGraw-Hill, 1948. $9.00.

1194 Hage, Robert E.
Jet Propulsion in Commercial Air Transportation. Princeton, N.J., Princeton University Press, 1948. $1.50.

1195 Hinton, Harold B.
Air Victory: The Men and the Machines; foreword by Lt. Gen. Barton K. Yount. N.Y., Harper, 1948. $5.00.

1196 Hoag, J. Barton
Electron and Nuclear Physics, 3d ed. rev. by S. A. Korff. N.Y., Van Nostrand, 1948. $5.00.

1197 Kiver, Milton S.
Television and F-M Receiver Servicing. N.Y., Van Nostrand, 1948. $2.95.

1198 Linebarger, Paul M. A.
Psychological Warfare. Washington, Infantry Journal, 1948. $3.50.

1199 Maedel, George F.
Basic Mathematics for Radio. N.Y., Prentice-Hall, 1948.

1200 Moreno, Theodore
Microwave Transmission Design Data (Radio Communication Series). N.Y., McGraw-Hill, 1948. $4.00.

1201 Morse, Philip M.
Vibration and Sound. N.Y., McGraw-Hill, 1948. $5.50.

1202 New York State Vocational and Practical Arts Association
Basic Repair Operations for Automobile Mechanics. Albany, N.Y., Delmar Publishers, Inc., 1948. $3.25.

1203 Newman, James R., and Miller, Byron S.
The Control of Atomic Energy. N.Y., Whittlesey House, 1948. $5.00.

1204 Patton, George S., Jr.
War As I Knew It. Boston, Houghton Mifflin, 1947. $3.75.

1205 Ragan, George L.
Microwave Transmission Circuits. (MIT Radiation Laboratory Series, Vol. 9). N.Y., McGraw-Hill, 1948. $8.50.

1206 Sisco, Frank Thayer
Modern Metallurgy for Engineers, 2d ed. N.Y., Pitman, 1948. $5.00.

1207 Strohm, Rufus T., and DeGroot, Archibald
The Slide Rule; How to Use it. Scranton, Penn., 1948. $1.50.

1208 Television - How it Works. N.Y., Rider, 1948. $2.70.

1209 Vincent, E. T.
Supercharging the Internal Combustion Engine. N.Y., McGraw-Hill, 1948. $5.00.

1210 Werner, Earl F.
Aircraft Instrument Maintenance. N.Y., McGraw-Hill, 1948. $7.50.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 3B - NOVEMBER 1948

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 and 3A.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

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b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign language.

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BOOKS

1211 Anderson, Ralph O.
Photographic Control Extension. Ann Arbor, Michigan, Edwards Brothers, 1948. $1.00.

Supplements Item 36 on Book List 3.

1212 Brassey's Naval Annual, 1948, 59th issue, edited by Rear-Admiral H. G. Thrusfield. N.Y., Macmillan, 1948. $6.00.

Contains the full text of the German naval archives giving the strategic direction of the war at sea as faced by the German Command.

1213 Cady, W. M., and others
Radar Scanners and Radomes (MIT Radiation Series, Vol. 26). N.Y., McGraw, 1948. $7.00.

The engineering of the radar scanner and its housing.

1214 Chapel, Charles Edward
Aircraft Weight, Balance and Loading. Los Angeles, Aero Publishers, 1948. $3.25.

Detailed explanations for students, pilots, flight engineers, and aircraft mechanics covering CAA loading requirements.

1215 Childs, J. Rives
American Foreign Service. N.Y., Holt, 1948. $4.00.

An analysis of the foreign service of particular value to air attaches.

1216 Churchill, Winston Leonard Spencer
The Gathering Storm. Boston, Houghton, 1948. $6.00.

The first in a series of Churchill accounts of the period of the false peace and of the war until just before Dunkirk.

1217 Crowdson, Frederick M.
Spray Painting Industrial and Commercial. Chicago, Frederick J. Drake, 1948. $1.50.

An instruction manual for spray gun operators.

1218 Croft, Terrell
American Electricians' Handbook; A Reference Book for Practical Electrical Workers, 6th ed. N.Y., McGraw, 1948. $6.00.

Data and information on electrical equipment and material for practical electrical workers based on the National Electrical Code.

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1219 Daniel, Hawthorne
For Want of a Nail; The Influence of Logistics on War; foreword by General Brehon Somervell. N.Y., McGraw, 1948. $3.75.

Based on an analysis of six historic war campaigns the importance of logistics in warfare is illustrated.

1220 Barrow, Karl Kelchner
Atomic Energy; Being the Norman Wait Harris Lectures Delivered at Northwestern University. N.Y., Wiley, 1948. $2.00.

Nuclear physics explained for the layman by a noted physicist.

1221 Electronics Engineers of the Westinghouse Electric Corporation
Industrial Electronics Reference Book. N.Y., Wiley, 1948. $7.50.

Basic electronic applications for practicing engineers requiring a knowledge of its applications to industrial processes.

1222 Forrester, Gertrude
Occupational Pamphlets; An Annotated Bibliography. N.Y., H. W. Wilson, 1948. $2.50.

A key to the many pamphlets in the filed of vocational counseling.

1223 Fox, Bish and Ruffner
School Administration - Principles and Procedures. N.Y., Prentice-Hall, 1948. $2.00.

Basic information pertinent to the job of the school administrator designed for use of military, business and industrial organizations.

1224 Francis, Devon
Flak Bait. N.Y., Duell, Sloan & Pearce, 1948. $5.00.

The story of medium bombardment in World War II.

1225 French, Thomas E., and Svensen, Carl L.
Mechanical Drawing, 5th ed. N.Y., McGraw, 1948. $2.80.

A complete revision of an established standard text.

1226 Gabor, D.
The Electron Microscope; Its Development, Present Performance and Future Possibilities. N.Y., Chemical Publishing Co., 1948. $4.75.

Introduction to use and a critical contribution to its theory.

1227 Goodman, Clark D., and others (editors)
Science and Engineering of Nuclear Power. Cambridge, Mass., Addison-Wesley Press, 1947. $7.50.

Fundamentals of chain reacting systems understandable to other than nuclear physicists.

1228 Goudsmit, Samuel A.
Alsos. N.Y., Henry Schuman, Inc., 1947. $3.50.

The story of the mission to search out German knowledge and developments in atomic physics.

1229 Haines, Ray E. (editor)
The Home Crafts Handbook. N.Y., Van Nostrand, 1948. $6.95.

Covers the entire range of hand skills.

1230 Ham, Clarence Walter and Crane, Edward Jameson
Mechanics of Machinery, 3d ed. N.Y., McGraw, 1948. $5.00.

Fundamental principles and methods includes vibrations, critical speeds in shafts and the gyroscope.

1231 Handbook for Public Information Officers. Carlisle Barracks, Pa., Book Store, Armed Forces Information School. 75¢.

Listed as required reading in Army, Training Circular No. 6, 19 July 1948.

1232 Haugland, Vern
The AAF Against Japan. N.Y., Harper, 1948. $5.00.

The story of the Air Forces concentration on Japan as the target.

1233 Hausmann, Erich
Swoope's Lessons in Practical Electricity. N.Y., Van Nostrand, 1948. $4.80.

A complete revision of a standard beginning text.

1234 Henney, Keith
Color Photography for the Amateur, rev. ed. N.Y., McGraw, 1948. $4.00.

The latest developments in a field of photography revolutionized by recent improvements.

1235 Hornung, J. L.
Radar Primer. N.Y., McGraw, 1948. $2.80.

A simple, understandable explanation of radar providing a foundation for advanced theory and applications.

1236 Jane's All the World's Aircraft, 1948, Vol. 36. N.Y., Macmillan, 1948. $20.00.

A standard reference book on world aviation.

1237 Karig, Walter and others
Battle Report; The End of an Empire. N.Y., Rinehart, 1948. $5.00.

The final mopping up in the southwest Pacific culminating in the Battle of Leyte Gulf.

1238 Lang, Daniel
Early Tales of the Atomic Age. N.Y., Doubleday, 1948. $2.75.

Readable account of developments in the field of atomic energy.

1239 Lee, Reuben
Electronic Transformers and Circuits. N.Y., Wiley, 1947, $4.50.

Covers design of transformers for electronic apparatus and the effects of transformer characteristics on electronic circuits.

1240 Lippincott, Benjamin E.
From Fiji Through the Philippines with the Thirteenth Air Force. N.Y., Macmillan, 1948. $10.00.

Illustrated by water colors portrays the life and chief activities of the 13th Air Force.

1241 Long, James Scott and Anderson, Harold Victor
Chemical Calculations; 5th ed. N.Y., McGraw, 1948. $3.75.

A standard text on chemical problems and calculations.

1242 McCullough, W. W.
Electric Motor Maintenance. N.Y., Wiley, 1947. $2.00.

Includes inspection, testing and repair.

1243 Markus, John and Zeluff, Vin
Handbook of Industrial Electronic Circuits. N.Y., McGraw, 1948. $6.50.

Performance characteristics and applications of 433 practical electronic circuits.

1244 Members of the Overseas Press Club of America
As We See Russia. N.Y., Dutton, 1948. $3.75.

Noted foreign correspondents tell what makes the Soviet tick.

1245 Montgomery, C. G., and others
Principles of Microwave Circuits (MIT Radiation Laboratory Series, Vol. 8). N.Y., McGraw, 1948. $8.00.

Technical exposition of the impedance concept and the equivalent circuits of microwave devices.

1246 Noyes, William A., Jr. (editor)
Chemistry: A History of the Chemistry Components of the National Defense Research Committee, 1940-1946. Boston, Little Brown, 1948. $6.00.

A report of the work done by chemists under the National Defense Research Committee during World War II.

1247 Palmer, Frederick
John J. Pershing, General of the Armies; A Biography. Harrisburg, Military Service, 1948. $4.50.

The story of a great World War I soldier who was influenced by our Civil War generals and in turn influenced the military leaders of World War II.

1248 Rapport, Leonard and Northwood, Arthur, Jr.
Rendezvous with Destiny; A History of the 101st Airborne Division. Washington, Infantry Journal Press, 1948. $7.50.

A detailed study of the organization, training and operations of an airborne division.

1249 Rothery, Agnes
Iceland New World Outpost. N.Y., Viking Press, 1948. $3.75.

A guide to the outpost on the Great Circle route between America and Europe.

1250 Soller, Theodore, and others
Cathode Ray Tube Displays (MIT Radiation Laboratory Series, Vol. 22). N.Y., McGraw, 1948. $10.00.

Solutions to problems involved in the application of cathode ray tubes to radar displays and to test equipment.

1251 Stilwell, Joseph W.
The Stilwell Papers, arranged and edited by Theodore H. White. N.Y., William Sloane Associates, 1948. $4.00.

The day to day diaries and letters of a controversial military figure of World War II.

1252 Technical Development Staff of Northrop Aeronautical Institute
Aircraft Power Plants. N.Y., McGraw, 1948. $6.00.

Provides the specialized knowledge required by engine mechanics.

1253 Valley, Jr., George E., and Wallman, Henry
Vacuum Tube Amplifiers (MIT Radiation Laboratory Series, Vol.18). N.Y., McGraw, 1948. $10.00.

Theoretical and practical aspects of multi-cavity magnetrons.

1254 Vogt, William
Road to Survival; With an Introduction by Bernard M. Baruch. N.Y., William Sloane Associates, 1948. $4.00.

A long term view of man's relationship to his environment.

1255 Winfield, Gerald F.
China: The Land and the People. N.Y., William Sloane Associates, 1948. $5.00.

The basic facts and truths about modern China.

1256 World Aviation Annual, 1948. Washington, D.C., Aviation Research Institute, 1948. $17.50.

The current status of aviation in the U. S. and abroad.

1257 Zimmerman, Oswald T., and Lavine, Irvin
Scientific and Technical Abbreviations, Signs and Symbols. Dover, New Hampshire, Industrial Research Service, 1948. $7.50.

A convenient compilation to encourage greater uniformity in use.

1258 Zweng, Charles A.
Civil Air Regulations for Pilots. North Hollywood, Calif., Pan American Navigation Service, 1947. $1.00.

All provisions of the Civil Aeronautics Regulations pertinent to pilots arranged by general subject groups.

1259 Zweng, Charles A.
Link Instructor Manual. North Hollywood, Calif., Pan American Navigation Service, 1948. $4.00.

Contains all information required for Civil Aeronautics Administration written examination for Link Instructor rating.

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